

THE BULLETIN

JUNE 12, 1995 ~ 48TH YEAR ~ NUMBER 20

U of T Eager to Help New Tory Government

BY KARINA DAHLIN

IT IS TOO EARLY TO TELL WHAT the provincial election will mean for U of T, but there is no question the administration will reach out to the new government and work with it for the good of the University and the province, says Provost Adel Sedra.

"We are confident we will be able to work with them as well as we worked with previous governments. We will be eager to help them in whatever way we can," Sedra said in an interview June 9, the day after the Progressive Conservative Party won 82 of the 130 seats in the Ontario legislature.

The election results are good and bad news for part-time students. Barry McCartan, executive director of U of T's Association of Part-time Undergraduate Students, said his organization supports PC plans for a new loans system (income contingent

repayment) but opposes an increase in tuition fees, as advocated by the Tories.

McCartan hopes the new minister for colleges and universities will be Diane Cunningham (London North) who, he says, has demonstrated an understanding for student issues in the past. McCartan and his association will do what they can to show the new government how income contingency can be implemented without damaging access to higher education. For one thing they will point to a Ministry of Education & Training analysis that found large fee increases would be counterproductive because borrowers would not be able to pay off their loans.

The Tories' plan calls for a \$400 million cut to colleges and universities. McCartan said this is "a foolish place to cut" given the economic prosperity generated by the post-secondary sector, which only absorbs

four percent of total government expenditure. He hopes the government will moderate its plans.

One of the Liberal newcomers to Queen's Park is Annamaria Castelli, former chair of Governing Council, who won in Downsview riding. The ridings that cover U of T's three campuses are now all represented by government members. In Scarborough

East, Steve Gilchrist replaces Robert Frankford of the New Democratic Party; in Mississauga West, Rob Sampson will take over from Liberal Steve Mahoney; and in the downtown St. Andrew-St. Patrick riding, the new member is Isabel Bassett whose predecessor, Zanana Akande of the NDP, resigned last year.

Students with a limited income,

who have children in day care, are in for a rough ride, said Jan Nolan, family care adviser. At the moment the province provides 80 percent of the cost of subsidized day care spaces. The Tories propose to cut the subsidy. Without it the monthly cost of infant day care, for example, is somewhere between

~ See U of T: Page 4 ~

WORD UP



From the hospital to stage, these health care professionals are strutting their stuff to raise funds for Alzheimer's research at U of T. *Lifebeat 95*, a variety extravaganza featuring song and dance, raised about \$40,000 over its three-night run June 1-3 at Harbourfront's Premier Dance Theatre. Although the variety show has been produced for 12 years, this is the first time that funds have been raised for U of T. This funk/rap number Word Up, one of 21 acts, was performed by 12 dancers from a variety of the faculty's teaching hospitals.

Job Registry to Help Relocate Staff

BY ALIDA MINCHELLA

A NEWLY ESTABLISHED PROVINCE-wide job registry will help University administrative and union employees facing layoffs.

Ontario universities, their unions and employee representatives have

reached an agreement to establish the job registry. It will list vacant job positions and non-academic surplus staff, with the hope of matching laid-off workers with vacancies in their sector. For example, a U of T employee who has been laid off could find a position at any other provincial university if he or she has the qualifications.

The registry, developed jointly by management and labour, will be accessible to all Ontario universities that participate in its operation. It is expected to be up and running in the next few months.

When a vacancy arises the universities will post the jobs internally and notify the job registry of the vacancy. External candidates will be interviewed—five days after notifying the job registry, at the earliest—if no qualified candidates are found internally. Under the agreement universities must interview at least three candidates referred by the registry.

If laid-off employees are still unable to find work, they will have access to seven other job registries in the province's broader public sector, said Al Madden, executive director of the university registry in Toronto. Madden's responsibilities include providing services to laid-off workers such as career counselling, financial planning and the development of a training plan.

"I felt that we reached a relatively satisfactory conclusion," said John Malcolm, a member of the U of T Staff Association and the negotiating team for the Confederation of

BOTANY WINS ON HOME TURF

Chemistry loses to green forces

BY ALFRED HOLDEN

WHEN IT COMES TO THE greening of lawns, U of T is at the cutting edge. To respect environmental concerns, the University has largely turfed out the use of weed killers, pesticides and other chemicals.

But now there's a rub. The grass was greener, some say, when it was poisoned. "One person called me up two days ago," said Ron Pansino, U of T's manager of grounds, just before convocation started June 6. "He said the campus looks absolutely awful, very scruffy with dandelions all over the place."

The caller had a point. U of T began phasing out chemicals and controlling weeds and pests in 1992, when it moved to implement what people in the landscape business call integrated pest management. That's jargon for basically trying to fight off weeds and bugs on grass and shrubs by selecting harder strains and strengthening plants so they can survive without chemical agents.

Apparently it's an uphill battle. "Now the first year after you get off the chemical program you won't see all that many weeds," Pansino said, explaining how the system works.

"But the second, third, fourth and fifth years you really see them blooming and we do have a lot now, all over the place."

Take front campus, the green carpet U of T's classes of 95 are now walking across to pick up their degrees in Convocation Hall. It is particularly weed-prone because during much of the year the turf is ground down by the short cuts taken by suckers and staff and by the pounding of soccer players. "They really tear it up," said Pansino, whose staff work hard each year to put the spring back in the soil.

Rather than being doused in chemicals, front campus is aerated (punched full of small holes to let water and air in), reseeded with harder strains of grass and fed a nutritious top-dressing. Overall, Pansino said, the results are encouraging, if still imperfect.

Lawns have an interesting history. An American lawn historian, John Falk of the Smithsonian Institution, believes people like lawns because they resemble the grasslands of the African savanna, where humans first evolved. According to the 1992 *Old Farmer's Almanac*, lawns first grew

popular during the early Industrial Revolution, when newly wealthy entrepreneurs were looking for highly visible ways of showing off their wealth. Lawns fit the bill because they were public and very hard to maintain.

Janice Oliver, assistant vice-president (operations and services), supports U of T's switch to more holistic habits. Lawns are an environmental issue that has been creeping up on many institutions and they must respond, she said.

The Ontario Public Interest Research Group was among those that encouraged U of T to ditch the chemicals a few years ago. But the decision wasn't made because of pressure from a special interest group, Pansino pointed out; it was made by U of T's own grass roots. The pest management program was planned by a committee that includes forestry, zoology, botany, geology, the Division of the Environment and the School of Architecture & Landscape Architecture.

Some people may not like dandelion-spotted lawns but as Pansino says: "It's the University community itself and the whole thinking in society that's going that way."

INSIDE

Mother lore

RENAME MOHRMANN STUDIES A subject that is close to everyone's heart. Page 5

Observations in Sioux Lookout

RESTRUCTURING IS SOMETHING they know about at a teaching hospital in northwestern Ontario. Pages 8, 9



A forerunner to the lawn mower

NOT ALL ARROWS WERE MADE FOR killing, anthropologist suggests. Spotlight on Research. Page 10

AWARDS & HONOURS

Development & University Relations

THE BULLETIN HAS BEEN AWARDED THE GOLD AND BRONZE medals in the science and research writing category by the Canadian Council for the Advancement of Education in its prix d'excellence program. The gold medal-winning article *Healing the Whole Hand* was written by associate editor Karina Dahlin; Herbal Medicine by writer Alfred Holden won the bronze. The *University of Toronto Magazine* and the *University's* 1993-94 annual report, *The Art & Science of Knowledge*, won gold in the best magazine and best annual report categories respectively. The publications are published by the Department of Public Affairs.

Faculty of Medicine

PROFESSOR ARNOLD ABERMAN, dean of the Faculty of Medicine, was elected president-elect of the Association of Canadian Medical Colleges in Quebec City. He will become ACMC president for a one-year term beginning May 1996.

DIANA ALLI, ADMINISTRATIVE COORDINATOR IN THE STUDENT affairs office, has received the 879 Medical Alumni Award for 1995. The award was established by the medical graduates of the class of 89. Marianne Betro in the education office at St. Michael's Hospital has received the David Eberle Memorial Award, established by the medical graduates of the class of 92. The awards are given to staff or faculty who have demonstrated a unique contribution to the quality of the undergraduate medical experience.

PROFESSOR PETER COYTE OF THE DEPARTMENT OF HEALTH Administration has been named this year's recipient of the John D. Thompson Prize for Health Services Research by the Association of University Programs of Health Administration.

The award recognizes outstanding young researchers for their excellence in the field of health services. Coyle's areas of research include health economics, health policy and health services.

PROFESSOR JACK GREENBLATT OF THE BANTING & BEST Department of Medical Research and the Department of Molecular & Medical Genetics has been named a Medical Research Council of Distinguished Scientist. He is one of six Canadian scientists to receive the new five-year award, designed to support the salary of world-renowned researchers who are at the forefront of their field. Greenblatt's research in the mechanisms of control of gene expression is considered critical in advancing the understanding of cancer and other disease processes.

UNIVERSITY PROFESSOR LAP-CHEE TSUI OF THE DEPARTMENT of Molecular & Medical Genetics and the Hospital for Sick Children Research Institute and Professor Derek Von der Kooy of the Department of Anatomy & Cell Biology have received MRC Senior Scientist awards. The award is designed to contribute to the salary of exceptional scientists who are considered leaders in their field. Tsui headed the team that discovered the gene for cystic fibrosis. Van der Kooy has done important research in the areas of neural development, motivation and learning and memory genes.

Faculty of Arts & Science

THE PUBLIC RELATIONS & DEVELOPMENT OFFICE OF THE Faculty of Arts & Science has been awarded the bronze medal in the special events category by the Canadian Council for the Advancement of Education in its 1995 prix d'excellence awards program. The medal was awarded for the inauguration of the John C. Polanyi Chair in Chemistry. The event, attended by several Nobel laureates, was the brainchild of Professor Martin

Moskowitz, chair of the Department of Chemistry. Key staff members included Darlene Frampton of arts and science, Kim Luke of the Department of Public Affairs and Sue McClelland of Chemistry.

UNIVERSITY PROFESSOR BRYAN JONES OF THE DEPARTMENT of Chemistry has been named winner of the Chemical Institute of Canada Medal. The medal is presented as a mark of distinction to a person who has made an outstanding contribution to the science of chemistry or chemical engineering in Canada. Jones has been a pioneer in the application of enzymes as a practical catalyst for organic synthesis.

Faculty of Law

JULIET GUICHON A DOCTORAL CANDIDATE IN THE FACULTY of Law wrote the screen play for the film *I Lease Wombs, I Don't Sell Babies* which received the National Educational Film & Video Festival's Silver Apple Award May 27 in the category of health issues and ethics. The festival is the biggest market for educational film in the US. The film is available from the Sigmund Samuel Library's audio-visual library.

Scarborough College

PROFESSOR MICHAEL KRASHINSKY OF THE DIVISION OF Economics & Management has been named the winner of the Scarborough College Teaching Award. Sponsored by the college and its alumni association, the award is presented annually to a faculty member who exemplifies teaching excellence and commitment to meeting the needs of students. Krashinsky also received the Management & Economics Students' Association Professor Appreciation Award.

Compiled by Joan Griffin, 978-8638.

IN BRIEF



UTFA president steps down

THE U OF T FACULTY ASSOCIATION IS LOOKING FOR A NEW PRESIDENT. Professor Peter Boulton of the Department of Electrical & Computer Engineering who was acclaimed to a second term in April is stepping down due to personal reasons, said UTFA executive director Suzie Scott. Presidential nominations for the 1995-96 academic year open June 15 and close June 30. Candidates must be nominated by two members of UTFA's council.

No merit increases for senior managers

AT ITS MAY 23 MEETING BUSINESS BOARD VOTED TO ELIMINATE ACROSS-the-board increases for the University's senior management group and replace them with merit-based increases. The group is composed of 90 to 120 people who report to a president, vice-president, principal or dean. The new policy requires members of the group to establish annual goals which will be evaluated at the end of each year by their supervisors. The policy was one of several senior management group employment policies approved by the board.

Two fires at U of T

ARSON IS SUSPECTED IN A FIRE THAT BROKE OUT AT THE SCHOOL OF Graduate Studies close to midnight June 6. U of T and Metro Toronto Police and the Toronto Fire Department responded to the call and the fire was put out within minutes. The fire, which was started at the front door, caused smoke damage estimated at about \$3,000. In a separate incident a small fire broke out at 6:30 a.m. June 2 on the fourth floor of the Medical Sciences Building. An electro-forensics unit being used in an experiment overheated. It took firefighters 15 minutes to put out the fire. There is no estimate of damage. No injuries were reported in either incident.

OISE staff to join CUPE

THE GENERAL SUPPORT STAFF ASSOCIATION AT THE ONTARIO INSTITUTE for Studies in Education has voted overwhelmingly to join the Canadian Union of Public Employees, Canada's largest public sector union. The association's executive endorsed the move, claiming that the strength of a union such as CUPE is necessary in the current climate of restructuring and downsizing. CUPE represents over 5,000 members at U of T including support staff, maintenance workers, library workers and teaching assistants.

IN MEMORIAM

Hewitt Committed to Nuclear Studies

JOHN HEWITT, FORMERLY A PROFESSOR in the Department of Chemical Engineering & Applied Chemistry, died suddenly April 27. He was 56.

Born in Kincardine, Ontario, Hewitt received his BSc (engineering physics) from Queen's University and his MSc (nuclear reactor physics and engineering) and PhD (physics) from the University of Birmingham, UK. He joined U of T as an assistant professor of nuclear studies in 1970 and worked his way to a full professorship by 1982. In his first four years at U of T he served as executive assistant to the dean of the Faculty of Applied Science & Engineering and eventually filled the position of associate dean from 1981 to 1984. He was a visiting scientist at Chalk River Nuclear Laboratories in 1978-79.



Hewitt resigned from the University in 1987 to take a position with Energy Conversions Systems Inc. of Ottawa. In 1990 he joined the Canadian Space Agency. Hewitt served as an adjunct professor for a number of years after he resigned from U of T. As well as numerous professional affiliations, he served as president of the Canadian Nuclear Society in the early 1980s.

"John was very strongly committed to the nuclear engineering program at the University of Toronto and maintained that interest even after having left the University," said Professor James Smith, chair of the Department

of Mechanical Engineering & Applied Chemistry. "His research in nuclear reactor physics, nuclear instrumentation and nuclear physics was highly regarded and constituted a significant contribution to the field."

- Professor Emeritus Nicholas Badenhuizen of the Department of Botany
- Professor Jacques Berger of the Department of Zoology and a senior fellow of Massey College
- Professor Emeritus P.B. Hughes of the Department

- of Mechanical Engineering
- Professor Emeritus Frank Popovich of the Faculty of Dentistry
- Bert Pye of Physical Plant, Scarborough College
- Beverly Wedemire of the School of Graduate Studies

Bulletin Summer Schedule

THE SUMMER ISSUES OF *The Bulletin* will be published on July 24 and Aug. 21. The deadline for receipt of events listings and booking of display ads for the July issue is July 10. Editorial material and classified ads should be in *The Bulletin* offices at 21 King's College, second floor, by July 14.

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THE BULLETIN

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Three Receive Highest Rank

A MEDIEVALIST SPECIALIZING IN Old English and Old Norse languages and literatures, a theoretical chemist and an expert on the dynamics of galaxies have been named University Professors, the highest rank U of T grants its faculty members.

The appointments of Professors Roberta Frank of the Department of English and director of the Centre for Medieval Studies, Paul Brumer of the Department of Chemistry and Scott Tremaine, director of the Canadian Institute for Theoretical Astrophysics (CITA) brings the number of University Professors to 23. Their appointments were approved by Academic Board June 8.

Frank, who has studied the languages and literatures of the Anglo-Saxon and Scandinavian peoples of the North Atlantic during the Middle Ages, has made outstanding

contributions to the areas of textual criticism, poetics, style, history and mythology over the past 27 years. She is recognized internationally as an authority on Old Norse skaldic poetry, which is characteristic of early Scandinavian culture. She has made significant contributions to the *Dictionary of Old English*.

Brumer is one of the world's leading theoretical chemists. He has been at the forefront of two major areas in chemical physics: using nonlinear mechanics to understand molecular dynamics and controlling chemical reactions with lasers.

Tremaine's research and leadership have placed CITA among the major centres of theoretical astrophysics research in the world. Among his accomplishments in the dynamics of galaxies was the use of information about the small satellite galaxies that orbit our Milky Way galaxy to estimate Milky Way mass.

SOME THINGS NEVER CHANGE



ANDIE SCHMIDTSON

Years have passed with their attendant changes but friendships remain for these U of T alumnae attending the president's garden party at Spring Reunion June 3. More than 1,000 alumni attended the four-day annual event that started June 1 with a Meet the Authors book signing reception. Other events included an art tour at the Faculty Club, the arts and science research fair, campus bus tours, a carillon concert and the Varsity Arena luncheon.

Two-Thirds of Library Workers Accept Packages

BY ALIDA MINCHELLA

TWENTY-FIVE PEOPLE HAVE accepted the early retirement or voluntary exit packages offered to U of T Library staff. The central library is hoping to cut 36 positions from its payroll by June 30.

It is unclear what will be done if the library does not reach its goal. "We can't contemplate how we'll deal with that at this point," said Norma Lewis, library services coordinator. The next step, she said, will be restructuring. "There has been a significant reduction in the overall staff complement over the years and we will be devoting time in June to restructuring so we can maintain excellent service."

In April U of T offered enhanced early retirement and voluntary exit packages to library staff. The early retirement package gave employees approaching age 65 a pension reflecting their years in the pension plan with no penalty for retiring early, plus an additional monthly pension equivalent to Canada Pension Plan benefits.

The voluntary exit plan — offered to library employees with five to 10 years' service — provided two weeks' pay per year of service. Those with more than 10 years were offered four weeks' pay for each year of service, to a maximum of 78 weeks.

There is no chance these packages will be offered University-wide, said Professor Michael Finlayson, vice-president (administration and human resources). "Where there is a specific need to reduce complement, then the enhanced package is a good approach. But to do it across the University, we run the risk of losing people we most value, pay them to go

and then have to replace them."

Although there is no definite target yet for more complement reductions, there will be a need for further staff cuts over the next year. The merger between the Ontario Institute for Studies in Education and the Faculty of Education, for example, will result in significant changes, Finlayson said. There may be other areas where staff reductions will be made but they have not been identified yet.

At its May 23 meeting Business Board approved the extension of an early retirement window for administrative and unionized staff across the University. Anyone planning to retire between now and June 30, 1996, and who is eligible must apply in writing before June 30, 1995. The package does not include any voluntary exit provisions.

The early retirement window is open to employees who have reached the age of 55 and whose age plus years of employment add up to at least 80. They can retire early and receive their annual pension without reduction. It has been in place since July 1991.

The option has not been wonderfully attractive as a provision on its own, said Finlayson. So far only 18 out of a possible 3,000 staff have taken advantage of it since its inception. It has been used to enhance severance and release packages for another 28 people. The average salary of those eligible for early retirement is about \$55,000 to \$60,000.

"As far as packages go, it's pretty minimal," said Louise Oliver, president of the U of T Staff Association. "I would like to see a really good package — like the one offered to library workers — offered University-wide."

Tenure Grievance Settled

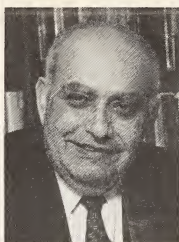
THE REAL WINNER IN A DISPUTE between the U of T Faculty Association and the administration is the integrity of the tenure process, says Suzie Scott, executive director of UTFA.

In 1993 the faculty association filed a grievance against the University after it issued a memorandum concerning tenure procedure guidelines to principals, deans, directors and chairs. UTFA alleged that the memo was an attempt to unilaterally change the tenure process. Tenure is governed by the Policy & Procedures on Academic Appointments, jointly created by UTFA and the administration, and cannot be changed without the agreement of both.

The faculty association's main objection with the memo was its increase in presidential powers over tenure decisions. The guidelines had indicated that the president had a right to talk to members of the tenure committee about its decision, Scott said. The decision of the grievance review panel re-establishes the confidentiality of the tenure committee's

deliberations, she said.

"The importance of the decision is that the grievance review panel has reconfirmed the primacy of the tenure committee," Scott said. "The president can speak to the tenure committee only in writing through its chair."



Adel Sedra

At Academic Board June 8 Provost Adel Sedra called the panel's decision extremely well written. "The point of view of the president is that he is satisfied that the results keep the president's authority intact," Sedra

will issue a revised version of the memorandum, taking into account the points made by the grievance review panel.

In a memorandum Prichard said "...the panel reaffirmed the roles of both the tenure committee and the president ... In my view, [the decision] represents appropriate affirmation of sound administration of our policies."

Another matter that arose during the course of the hearing involved tenure committee ballots. They were being forwarded to the president, revealing how each member had voted. The review panel decided that the vote should be confidential to committee members. "The decision establishes that the committee speaks with a single voice, not as a collection of individuals," Scott said.

In a 45-page report the three-person panel addresses each of the memo's alleged changes to the academic appointments policy, classifying them into one of three categories: not a change from the policy, a reasonable administrative interpretation of the policy or a change to the policy.

Job Registry to Help Staff

— Continued from Page 1 —

Ontario Universities Staff Associations. However, whether the registry will be effective in placing workers is "the \$64,000 question," he said. "Anybody examining this would think to themselves that if jobs are scarce at one university ... you just assume that they are just as scarce at another university."

The registry, which will be reviewed in six months, was a mandatory requirement for universities to gain access to a \$300 million provincial government job training fund. The money was set aside during the 1993 social contract talks and was

intended to help workers who lost their jobs directly as a result of the social contract cuts. However, most public sector employers, including U of T, signed agreements stipulating that no jobs would be lost due to the social contract. Consequently employers have not been able to access the money.

"What has happened is that the five percent cut to the broader public sector transfer payments for the social contract will become permanent," said Les Babbage, U of T's director of employment and staff development. "The government is trying to cushion that blow by rolling

the funds over to new initiatives. They've found a way to make the funds available to us."

One of the initiatives is the \$250 million Training for Workplace Innovation Program. It will provide funds for projects that encourage re-training and redevelopment of staff facing layoffs as a result of restructuring. This fund could provide income support or pay for training costs.

Another initiative, the Demonstration Projects Program, will be used to fund up to 15 joint labour-management restructuring plans that result in better provision of services and cut costs.

DAVID CROMBIE

WITH RESPONSE BY
THOMAS BERRY

GREAT LAKES
SUPERIOR
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WISCONSIN
ILLINOIS
INDIANA
OHIO
ONTARIO
PRACTICAL DREAMS
for a
Greener
Future
GREAT DEEDS

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Please note on Saturday July 1/95

King's College Circle and Hart House will be closed all day for
the Great North American Race

Speak to Me



Professor Luc De Nil of the Graduate Department of Speech Pathology checks articulation movements of first-year student Jennifer McDougall at the department's open house May 26. The head-mount transduction system measures lip and jaw movements during speech. About 150 people attended the department's first open house held at the Tanz Neuroscience Building.

U of T Eager to Help Government

— Continued from Page 1 —
\$950 and \$1,200. Furthermore many day care spaces are funded through jobsOntario, an initiative slated for elimination by the Tories. For students and other parents, the Tories' plans represent a barrier — "an insurmountable obstacle," Nolan said.

WHAT HAPPENED?
THE LIBERALS RAN A
DREADFUL CAMPAIGN,
SAYS PROFESSOR

However, with or without employment equity legislation, the result may be the same. "If [PC leader Michael] Harris keeps his promise to beef up enforcement of existing laws he may well achieve the same result," Reitz said.

Health care was another election issue. The Conservatives promised to make cuts in this sector but this should not necessarily be a concern, said Professor Peter Coyte of the Department of Health Administration. He is "quite optimistic" about the chances for increased efficiency, effectiveness and quality — "mainly because Harris is on record as saying it is a protected area." What does

concern him, however, is Harris' support in the past for user fees and involvement of the private sector in health care.

Post-secondary education did not receive much attention during the campaign. Harris did say he would eliminate tenure for faculty members and was supported by several PC candidates, notably Bassett.

What else is in store for universities? "I don't think they can expect an increase in funding," said Professor Grace Skogstad of political science, who suggested universities will have to lobby hard and show why teaching and research are so important to the future of Ontario.

The Word According to Mike

THE ONTARIO PROGRESSIVE Conservative Party's position on post-secondary education is expressed in a campaign booklet the following way:

Tuition Fees

Our universities and community colleges have suffered from government's failure to set priorities, resulting in lower quality service to students. We believe that sufficient funding can be provided while still reducing the burden on taxpayers by \$400 million.

Colleges and universities must take on the obligation to find as much of that \$400 million savings possible by streamlining their bureaucracies and operating systems. The remainder of necessary funding can be found by charging students a fairer share of the costs of education they receive.

In 1992, tuition fees represented only 19 percent of the cost of a university education, down from 35 percent in the 1950s. We propose to partially deregulate tuition over a two year period, enabling schools to charge appropriately for their services.

Access to higher education is

central to our long-term economic potential as a province. We will implement a new income-contingent loan program, similar to others being introduced around the world. Our plan, to be called the Equal Opportunity Education Fund, will mean that no student with appropriate qualifications will be denied access to funding. Student loans will be repaid in the years after graduation, as a percentage of income on each student's provincial income tax form. Because repayments under this program are geared to future income, students will never be required to repay more than they can afford.

Estimates differ on the total cost of establishing such a plan. However, experts agree that such programs, with strong private sector involvement, can become self-financing in the medium to long term with considerable future savings to taxpayers.

We will work with all concerned parties to ensure that this program will provide equality of access to our essential post-secondary education system.

A MOTHERHOOD ISSUE

From the virginal to the monstrous, the image of mothers through the centuries has been everything but realistic

BY ALFRED HOLDEN

HER FATHER WAS A WRITER, humanitarian and feminist, "a most awkward person to send to war," says Renate Möhrmann. From the Russian front Wilhelm Hammond-Norden mailed his seven-year-old daughter postcards, penning a story on each. In 1941, while war raged in Europe, these realistic stories became diminutive chapters in a tale about a young girl, but with a nice turn: "He put them in a Russian setting," recalls Möhrmann, a visiting scholar from Germany. "He tried to make me see the poetic side of Russia."

Poetry did not save soldier Wilhelm who perished at Stalingrad. After the war his wife Erna put her head before her heart and sent her daughter to live with a family in Sweden where food and education were more available. The parting was painful for mother and daughter but Möhrmann remembers that it made sense. "Things were terrible in Germany; I had one pair of shoes and nothing to eat." It was something of a cultural taboo to send children away but Erna was more interested in the welfare of her youngster than in what people thought.

This year Möhrmann will turn 61, having learned much from a life of adversity, good fortune and hard work. She is now one of Germany's leading humanities scholars, a member of the German parliament and its speaker for cultural affairs and a professor at the Institute for Theatre, Film & Media Studies at the University of Cologne. This year, invited by the UC Drama Program, she is conducting research under a Canada-Germany research award.

Möhrmann's personal recollections are a fitting introduction to both the woman and her work. For, broadly speaking, she is a scholar of motherhood and society's views towards it — an admittedly multifaceted field of study that she and collaborators have been investigating through art, literature, drama, film and other representations of mothers that span centuries.

Möhrmann, a wife, and mother of Ulrike, 33, and Malte, 37, believes that many of us do not have a realistic view of motherhood. So worshipped, so sacred, so revered has it been through the ages that our images of it, as represented in everything from Renaissance paintings to American western movies, are romanticized and false. "There's a pattern of unrealistic portrayal from the Middle Ages up to now," Möhrmann maintains. Mothers in art, song, literature and elsewhere have tended to be "glorified, kitschy, demonized or forgotten. There are few real pictures of her existence and life."

She finds the phenomenon fascinating and pervasive, cutting across eras as well as national and cultural borders. While at



U of T, for example, she has examined the way women are portrayed in westerns. The hero is usually a cowboy who spends time between shootouts in the local saloon, flirting with a busty waitress. But who does he marry? Not the waitress, though he is clearly attracted to her. Instead he chooses a slim, soft-spoken and sexually benign teacher from a one-room school. Similarly TV moms, Möhrmann has found, tend to be wholesome "mother knows best" types.

Mothers are seldom presented as sensual and sexy, Möhrmann says. Indeed, presenting mothers in even mildly sexually suggestive settings is, to a great extent, taboo and not only in western culture. She recalls one incident in a small German town where objections were raised when a city hall exhibition presented

pictures of nude mothers. "The protest came from Islamic foreign workers," she says.

Ironically, rapid liberalization of social values in recent decades may have increased the extent to which motherhood is romanticized, says Möhrmann. Witness the US radical right's elevated view of family values, she points out. Motherhood has become a last bastion of sorts because public perception is "we are losing our values." Maintaining an upright image of motherhood is seen by some as a way to preserve civilized society.

The Canada Council's Canada-Germany research award was created with a grant from the Donner Canadian Foundation. It provides \$75,000 plus a travel allowance to a German scholar studying in Canada. A reciprocal award supported by Germany's Alexander von Humboldt Foundation funds a Canadian scholar in Germany.

Möhrmann has travelled across North America to compare research and tap resources unavailable in Europe. Collaborators at U of T have included Professor Pia Kleber of UC's Drama Program and Professor Dierdre Vincent of the Department of Germanic Languages & Literatures. Kleber is examining mothers as portrayed by 20th-century German dramatist Bertolt Brecht while Vincent is studying mother figures in works of the famous German poet, dramatist and novelist Johann Wolfgang von Goethe (1749-1832). A collection of essays by this international group of scholars will be released by a German publisher this year.

Among men Brecht stands out as an artist whose representations of women were positive and realistic, Kleber found. But it is usually women who present such views. Canadian novelist Margaret Laurence, says Möhrmann, presents "honest, authentic women" for mothers — humanly flawed characters in realistic situations in which the mother's life is not represented chiefly in the context of her love for children or devotion to husband. Margaret Atwood and 19th-century writers

Emily Brontë and Mary Ann Evans (George Eliot) also offer realistic and complex mother figures.

When she returns to Germany in July Möhrmann will not be returning to business as usual. Having found politics fraught with ethical dilemmas and sometimes bizarre demands, she plans to relinquish her seat in the German parliament. Politics, she told the audience at a women in politics symposium in February, "is always very superficial." Academic demands "are very different demands but they are the ones I prefer."

As for her father's postcard stories, which she still has, Möhrmann remains impressed. Instead of sugar and spice and everything nice, they offered snapshots of women in real life — a view overlooked by much of the great art and literature of history.

HOUMA ENMAN

Clubbing It at U of T

IT'S OBVIOUS WHAT THE BALLroom Dance Club does. But who are Barbarians at U of T? What's the Urban Peasants Society? With communism declining, what does the Trotskyist League do? And what, pray tell, is Kaboom?

All are recognized campus groups at U of T and there are now a record 174 of them. "Should anyone ever indicate that the University of Toronto is a dull place where people are interested in narrow confined disciplinary studies, this disproves that," said David Neelands, assistant vice-

president (student affairs) at University Affairs Board May 30.

The groups' strange titles and perhaps unusual interests reflect that "we are an enormously diverse University with fascinating people who are prepared to pursue fascinating topics, whether they make sense to others or not." In granting status "U of T doesn't prescribe views or modes of expression."

In return, organizations must "be open to membership to any member of the University without respect to gender or race or colour or faculty of

registration or age or whatever. They've got to be good campus citizens in this minimum standard ... and not interfere with other campus citizens in their exercise of their campus rights and privileges."

And what is Kaboom? "An offshoot of GLAUT," Neelands told board members, explaining that GLAUT is U of T's organization for lesbians, gays and bisexuals. "GLAUT continues to exist but it has a broader range of activities — educational and political ones," he said. "Kaboom is out for a good time."

Hug a Shrub, Plant a Tree

THE SCORE IS RED OAKS 3, AND 1 each for horse chestnut, beech, pine, pin oak and mountain ash. For ornamental shrubs, 0.

Those are the tree varieties chosen so far by people who have honoured friends, colleagues and relations by giving trees to U of T through a dedication program being run by the Facilities & Services Department.

Patricia Hayes, a departmental secretary who processes applications, says it is understandable that oaks are ahead — "that's the U of T tree."

The way the program works is that

any friend of the University, "even people walking by the campus who like this area," can pay to have something planted on a U of T campus to honour a friend, colleague or family member.

For those with lots of honourable friends and family, shrubs are the cheapest — "five shrubs will be planted for a donation of \$100," the program brochure states.

But all the full-sized trees that require a gift of \$500 seem to be preferred, Hayes said in an interview. Mid-sized trees such as mountain ash or larch require a gift of \$250.

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Services Office 978-2447.

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The Governing Council
Honorary Degrees
1996**

Members of the University community are
invited to submit nominations for honorary
degree recipients in 1996.

Nomination forms are available from the
Office of the Governing Council. The
deadline for the receipt of nominations is
Friday, August 18th, 1995.

Enquiries should be directed to:
Secretary
Committee for Honorary Degrees
Office of the Governing Council
Room 106, Simcoe Hall
978-8427



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UTFA Presidential Nominations

Owing to the fact that Professor Peter Boulton has decided not to serve for the 1995-96 academic year, nominations for President of the University of Toronto Faculty Association for the next academic year open June 15, 1995. UTFA's constitution requires candidates for President to be nominated by two members of UTFA Council. Members of the Association, however, are invited to suggest names of possible candidates to Council members.

Nomination forms must be returned to the office between 9:00 a.m. on June 15, and 1:30 p.m. on June 30, 1995. If necessary, an election will be conducted by a mailed ballot of the membership in the following two weeks.

Professor Mounir Aboutalder
Dr. Guy Allen
Professor Gürkan Altuna
Professor David Andrews
Professor Arlene Anthony
Professor Edward Barbeau
Dr. Douglas Bors
Professor Peter Boulton
Professor Aurel Braun
Professor Patricia Brückmann
Professor Michael Bunce
Professor François Casas
Professor Jacqueline Chapman
Professor Andrew Clement
Ms Rea Devakos
Professor James Estes
Ms Elinor Filion
Professor Jock Galloway
Professor Lloyd Gerson
Dr. Adria Giacca
Professor Joseph Goaring
Professor Martin Gold
Professor Tara Goldstein
Professor Alan Gordon
Professor William Graham
Ms Margaret Hawthorn
Dr. Robin Healey
Dr. Carol Hennessy
Professor Marsha Hewitt
Professor Pat Hume
Professor Robert Imlay
Professor Allan Irving
Professor Giuliana Katz

Biology
New College, Innis College, Transil. Year Program
Dentistry
Computer Science, Statistics
Rehab. Medicine, Speech Pathology, Anatomy
Mathematics
Scarborough - Life Sciences
Electrical & Computer Eng., Biomedical Eng.
Erindale - Social Sciences
Trinity College
Scarborough - Social Science
Economics
Nursing, Pharmacy
Library & Information Science
Librarians
Victoria University
Librarians
Psychology, Geography, Urban Planning
St. Michael's College
Pharmacology, Medicine, Pathology, Physiology
History
Biology & Best, Biochem., Clinical Biochem., Medical
Genetics
Education
Italian, Selvic Lang. & Lit., Spanish & Portuguese
Past President
Librarians
Librarians
Education
Chair, Status of Women Committee
Retired Members
Philosophy, HPST, Religious Studies
Social Work
Erindale - Humanities

Professor Harvey Kerpneck
Professor Joaquin Kuhn
Professor Mark Levene
Dr. Jennifer Levine
Professor Rhonda Love
Professor John Machin
Professor Robert Mackay
Ms Brenda Mallouk
Professor Hugh Mason
Professor Kenneth McNaught
Professor Thérèse Michel-Mansour
Professor Alfred Miller
Professor Stefan Mochnecki
Professor William Nelson
Professor Harald Ohlendorf
Professor Andrew Oliver
Mr. Kenneth Olynky
Mr. Dennis Patrick
Professor Albert Pietersma
Ms Judith Pöb
Professor Ian Robertson
Ms Helen Rosenthal
Professor Ken Selby
Professor Sandy Smith
Professor Hamish Stewart
Ms Donalda Straker
Professor Patricia Stuart-MacAdam
Professor Philip Sullivan
Professor Richard Tiberius
Ms Marion Tyacke
Professor Stuart Whittington
Professor Nelson Wiseman

English
St. Michael's College
Erindale - Humanities
Victoria University
Behavioral Science, Health Admin., Preventive Med. &
Biostatistics, Occup. Health & Environmental Health Unit
Zoology
Sociology, Criminology
Faculty of Management
Fine Art, Classics, Drama, Comp. Lit., Medieval Studies
Retired Members
Vice-President, Salaries, Benefits and Pensions
Linguistics, German, French
Chemical Engineering, Metallurgical Eng.
Astronomy, Physics
Chair, Appointments Committee
Scarborough - Humanities
Vice-President, Salaries, Benefits and Pensions
Physical & Health Education, Athletics & Recreation
Music
East Asian, Near Eastern, Middle East & Islamic
Erindale - Sciences
Scarborough - Humanities
Scarborough - Physical Sci.
Civil Engineering & Geological Engineering
Architecture, Landscape Architecture, Forestry
Law
University of Toronto Schools
Anthropology
Mech. Eng., Indus. Eng., Aerospace
Microbiology, Nutritional Sciences & Miscellaneous Medicine
University College, SCS, SGS, Woodsworth College
Chemistry
Political Science

Press in the Black

THE U OF T PRESS HAS ANNOUNCED a \$1.25 million surplus for the 1994-95 fiscal year which ended in April. This is the second consecutive year the Press is in the black. Last year it announced a surplus of \$703,000.

"To say that we are happy is an understatement," said George Meadows, U of T Press president and publisher.

Of the \$1.25 million, one-third will go towards loan repayment, one-third to an endowment fund to support scholarly publishing and the rest reinvested into the operation.

In addition to the \$1.25 million, a cheque for \$400,000 was presented to President Robert Prichard at a dinner earlier this month. This is a repayment for services rendered by U of T such as the scholarly and business reviews carried out in 1994-95, Meadows said. The money "will probably go into a scholarly endeavour related to the Press," possibly a chair in scholarly publishing.

The Press operates as a wholly owned, not-for-profit publishing corporation at arm's length from the University.

"All our divisions were profitable," Meadows said. "We've expanded our business, we've increased productivity, we're more competitive and aggressively seeking revenue, especially through strong marketing and sales force."

The Press published 133 titles this year, up from about 120 last year. And in another move towards expansion the Press signed an agreement with the Halbert Center for Canadian Studies at the Hebrew University of Jerusalem to provide North American distribution of publications.

The centre, which sponsors research and teaching, plays an important role in increasing awareness of Canada's cultural, political and social structures and provides opportunities for the exchange of knowledge between Israel and Canada.

ROSY FUTURE



This graduate is celebrating his U of T convocation June 6 with colour and a bit of flair. About 7,600 students will be hooded this spring in 14 convocation ceremonies that wrap up June 20. Among those receiving honorary degrees are journalist and broadcaster Peter Gzowski, wheelchair athlete Rick Hansen and Supreme Court justice Beverley McLachlin.

WHITHER TORONTO THE GOOD?

University expertise is playing a major role in the Greater Toronto Area Task Force

BY ALFRED HOLDEN

"ARE WE GOING TO LOSE TORONTO AS we know it?" Betsy Donald is asked, regarding the future of Canada's largest urban agglomeration. A few years ago it would have seemed a strange question to pose about what has long been touted as North America's premier "city-that-works."

But the query is on many people's minds these days and Donald, an urban planner, will have something to say about it. She is the PhD student in the Department of Geography who will advise President Robert Prichard in his role as a member of the Greater Toronto Area (GTA) Task Force. The group has been asked by the province to recommend a new form of governance for the Toronto region (an area that stretches from Burlington in the west to Lake Simcoe north of the city and Newcastle in the east) that will be appropriate for the 21st century.

Donald comes to the job with considerable qualifications. She was U of T's top graduating student in planning in 1994, earning her master's and the Ian D. Macpherson Award for academic merit and practical problem solving in planning. She also holds a master's degree in environmental studies from York University.

As Prichard's executive assistant, she is paid by the task force; any overtime pay comes from the honoraria Prichard has donated to U of T. She prepares briefings on issues related to municipal finance and government, attends meetings, provides summaries of existing research and says she is "basically an all-around assistant with specialized knowledge for him to draw on." She also provides a link between the University and task force — a job she finds of paramount importance.

The region's current problems with its economy and governmental structures are clearly complex; resolving them will require an interdisciplinary approach, Donald believes. "The University can play a major role ... you can call on people in political science, law, social work, environmental studies, community and urban studies, sociology, geography, and of course, the program in planning. So many academics have been working on these issues for decades and we've got some of the leaders."

The five members of the task force are drawn from across the region. The task force chair is

Anne Golden, a member of Governing Council; other members are architect Jack Diamond, community activist Dr. Joseph Wong, economic consultant Thomas McCormack and Prichard. Their final report is due in September 1996, subject to the results of last Thursday's provincial election and an earlier mandate from the province to issue

common ground. Metro provided a new level of government responsible for regional issues across many jurisdictions. Local municipalities continued to look after local issues, but in the average citizen's psyche, something of a common identity was created.

This approach differed sharply from that of US cities where many municipalities continued

The province gives grants to municipalities across the province for, among other purposes, education. But under current Ontario tax policy Metro Toronto is excluded from education grants; it raises all its money for schools from property tax. This is one reason taxes in Metro are higher than elsewhere and some say this is why businesses are leaving. They move to new locations where land is cheaper and as a result they can build sprawling complexes.

Unfortunately, says Donald, there are no ready-made solutions and there are many obstacles to overcome. The suburbs and the core must work together to achieve fairness and recognize that their prosperity is wrapped up with that of the entire GTA.

One governance option that may prove hard to sell is the creation of a "supercity" that would be similar to Metro but absorb all the GTA. Donald notes the public's increasing alienation to big, bureaucratic entities; Metro itself is a favourite target. While supercities are the trend worldwide, they do not seem to make people happy. "There is alienation and a sense of loss and hopelessness ... a feeling among citizens that they have lost control."

"The challenge facing the task force is to remodel our institutions so they are accessible to people and allow them to keep their sense of community and neighbourliness, so they don't feel isolated and lost in a giant supercity. However, they must also coordinate transportation and other infrastructure so that services are delivered efficiently."

Does Donald expect the task force to find a solution? "I'm hopeful," she says. She adds that the three parties in the provincial election differed in their statements about the GTA, but all acknowledged the urgent need for change.

Donald is confident about the future of cities in a postmodern age and about our ability to shape better communities. Planning was once preoccupied with creating Utopian visions, but has since become much more concerned with fostering communities that are safe, comfortable and responsible, she notes. Toronto, its suburbs and regions have long been a model to the world in achieving this balance and that's a head start. "People care about Toronto," she says. "There's something very dynamic about it and there's a real sense of passion about making it work."



interim recommendations along the way.

Donald's short answer about Metro's future is that Canada could "lose" Toronto — in which it would suffer a fate of decline and decay similar to US cities since the Second World War — "if we do nothing."

But her professional assessment is hardly so pessimistic. Toronto, she notes, has much going for it including its track record in managing change. The creation of the Metropolitan Toronto government in 1953 shows that the municipalities in Metro shared interests and

to operate separately. In the States, vast differences in the quality of infrastructure, schools and life resulted when, for instance, people earned their wealth downtown but paid their taxes in remote suburbs.

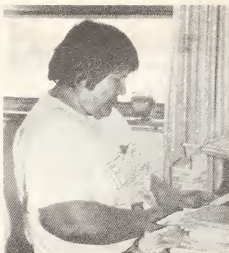
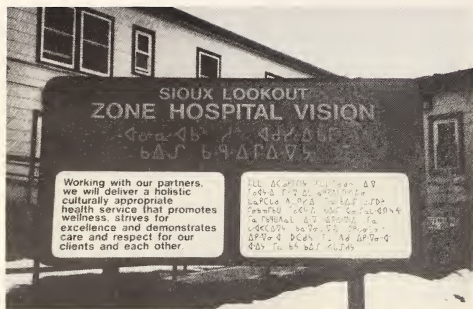
Few dispute that Ontario's approach worked better; nevertheless Metro has come under fire. As Donald sees it, the Toronto region has outgrown its old boundaries, structures and systems.

Thus far, urban sprawl and the tax system are the two biggest issues facing the task force. It turns out they may be related.

NATIVE P

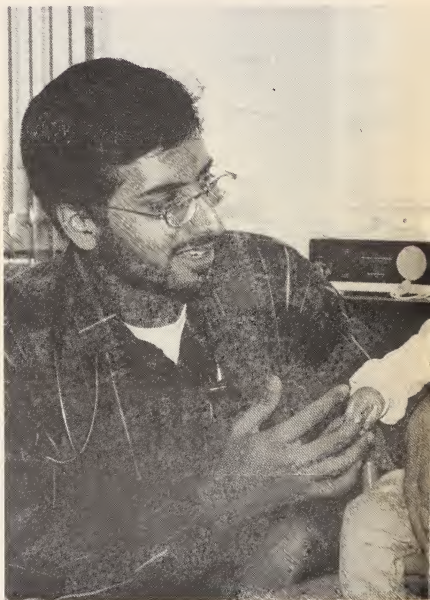
The University's Sioux Lookout Program is gearing up for

BY KARINA



The Sioux Lookout Zone Hospital mission statement is posted on a sign outside the front entrance in English and in Ojibwe. At left, Ruby Bighead, the community health worker in Slate Falls, organizes patient files.

Right, Arif Somani, a family practice resident from U of T, visits with Ina Apetawakeesic and her son Johnny, a patient from Lake Wogamow admitted with bronchial problems.



FAR AWAY, UP NORTH IN SIOUX LOOKOUT, IS A hospital that employs 40 members of the University. It is poised for changes that make the University's other restructuring efforts look like small potatoes.

Although some know Sioux Lookout as the last whistle stop before Winnipeg, there's more to this town than its railway station. With a population of 4,000 it is a thriving centre in northwestern Ontario. One of the area's largest employers is McKenzie Forest Products Inc. in nearby Hudson; many people also work for federal, provincial and First Nations offices. There are hotels and outfitters catering to wilderness tourists, two newspapers and lots of stores, recreation facilities and schools. There are also two hospitals — one for the town, the other for the region or zone that covers an area the size of France and is populated by 14,000 people, mostly of Cree and Ojibwa origin.

The Sioux Lookout Zone Hospital is the hub of the University's Sioux Lookout Program, under the aegis of the Faculty of Medicine. It serves a variety of functions. Medical staff and students treat patients who travel to the 42-bed hospital or visit them in the region's 28 communities. Some staff also participate in important diabetes research.

Everyone, on some level, is involved in transferring the program to native control. No one knows when this will occur; estimates range from "many years from now" to "in a couple of years."

The program's director, Professor Fred Baker of the Department of Paediatrics, is the only program member in Toronto. Professor Stewart Harris, the hospital's former medical director, left May 1 to join the University of Western

Ontario. He was replaced by Professor Joseph Dooley of the Department of Family & Community Medicine.

Harris will maintain his ties with the program because of a major diabetes research project he has undertaken in the community of Sandy Lake. Collaborating with community workers and researchers from all over North America he hopes to find a way to prevent non-insulin dependent diabetes mellitus, or Type II diabetes, which strikes former nomadic peoples all over the world. If some intervention strategy is not found, he fears the number of cases will become uncontrollable. Although the answer seems fairly simple — mainly proper diet and exercise — it is not a simple matter to impose lifestyle changes. However, he is optimistic. "If anyone has a shot of doing it, it's us," he says. "We have assembled the best research talent you can find on the continent."

AMONG ITS 40 EMPLOYEES, THE SIOUX LOOKOUT PROGRAM employs 12 physicians, one surgeon, 11 support staff, two pharmacists, two physiotherapists and one activities coordinator. Twelve residents each from the departments of family medicine and paediatrics and 12 clinical clerks (medical students in their last year) also work at the hospital on one-month rotations. Of U of T's 40-member staff, four are aboriginal.

Administrator Phyllis Muli and administrative assistant Yvonne Murphy have a good idea how the program works — without them it probably wouldn't. One of Muli's challenges is to coordinate program personnel and activities with six other employers and a similar number of trade unions at the hospital.

The seven employers including U of T, which provides medical services, are: the medical services branch of Health Canada (administration); Versa Services (food and physical plant); Windigo Tribal Council (admission and transportation); Friendship Centre (hostel for prenatal patients and escorts); Sioux Lookout First Nations Health Authority (patient advocate and mental health program); and Shibogama First Nations Council (nurses and community health representatives in three communities). The medical services branch of Health Canada is the largest employer with 150 staff.

Murphy is in charge of drawing up a duty roster for family physicians, students and visiting consultants. Scheduling is a difficult task at the best of times, but when she has to take into consideration nature — fall freeze-up, winter storms, spring break-up — as well as disease patterns and medical needs that vary from one community to another, rational thinking and intuition are needed.

Muli, Murphy, the four medical secretaries and two OHIP billing clerks are accustomed to the voices of surprise that greet them when they call the St. George campus. Only a few people in Toronto, mainly members of the Human Resources Department and the comptroller's office, know the Sioux Lookout Program exists. But the program's staff are not entirely isolated; they visit Toronto regularly for meetings on a variety of matters that affect their work.

U OF T IS ONE OF SEVERAL UNIVERSITIES THAT BECAME involved in native health in the 1960s. McGill concentrated on

HEALING

for a big change — preparing a transfer to native control

DAHLIN



Slate Falls, above, has much natural beauty but other than the satellite dish installed by TV Ontario, the community does not have many modern amenities—for example, there is only one telephone in the community. People who need more medical care than the weekly visits by physicians and nurses go to the zone hospital. Right, far away from home, Elaine Whitehead of Webequie stays in touch on the pay phone at the hospital.



PHOTOS: KARINA DAHLIN

the Inuit population along the coast of Hudson's Bay and northern Quebec; Queen's focused its efforts in the eastern part of northern Ontario; U of T, the western. The Universities of Western Ontario, Manitoba and Saskatchewan also established programs in northern Canada.

The driving force behind U of T's initiative was Dr. Harry Bain of the Hospital for Sick Children. In 1969 he and other members of the University arranged for paediatricians, surgeons and dentists to help the zone hospital, then trying to serve the whole region with only one physician. In 1971 psychiatric services were added.

Mental illness is considered the area's biggest health problem. While schizophrenia and manic depression are no higher than in other populations, there is a sky-high suicide rate. Davis Inlet in Labrador focused attention on the problem a couple of years ago when glue-sniffing youths were captured on videotape declaring their wish to die. Unfortunately the publicity that followed did not cure the problem in Labrador or north-western Ontario.

In 1994 there were hundreds of suicide attempts in the Sioux Lookout zone; 26 took their lives. The rate per capita is higher than anywhere else in the country; in a population of 14,000 normally there would be about two or three a year, Harris says.

In one community last year, four young people killed themselves during Thanksgiving weekend — three by hanging, one by shooting. All told, there were eight suicides in the community that year. There were many more attempts — hanging is the most common method, shooting and overdoses on medication,

drugs and alcohol are others. While alcoholism and depression were common problems in the 1980s, the issue today is suicide. "It is overwhelming; it blows you away," says one of the two physicians who serve that community.

The high suicide rate can probably be attributed to a variety of factors. A large portion of the population is 18 years or younger. Few have jobs and many engage in substance abuse — gas sniffing, alcohol, hashish. Boredom, sexual and physical abuse and family breakdowns are common.

It is probably no coincidence that the youths attempting suicide today are children of the generation that attended residential schools, whose own parents grew up in the traditional nomadic fashion. In three generations the aboriginal population of northwestern Ontario has experienced changes that took white people sometimes hundreds of generations. Spiritual confusion has also been blamed; the region is home to an abundance of Christian religions that do not always approve of traditional ways, or what is left of traditional ways.

What can the University and its staff do? Other than providing first aid and some counselling, not a whole lot, says Harris. If adolescents have nothing to do and do not envisage a future for themselves on the reserve but worry about leaving, the community itself has to act. "We cannot impose a solution on their problems. These are all community-specific issues. All we can do is to try to help them develop a solution."

The University has provided some help. Nodin Counselling Services, the mental health agency in the region, was developed, sponsored, supported and expanded with the help of the U of T's Sioux Lookout Program. In May 1994 it was transferred

to the First Nations Health Authority. Harris thinks the University should take pride in the fact it helped transfer and is still linked to an extremely innovative and successful native mental health program.

HARRIS HAS REASON TO BE PROUD OF THE ACCOMPLISHMENTS of the Sioux Lookout Program. It is a success and serves residents in northwestern Ontario well, says Janet Gordon, the hospital's newly appointed associate zone director, who is a former assistant director of the Sioux Lookout First Nations Health Authority.

However, the communities are eager to have a greater say in health care delivery — this is why they established the health authority five years ago as well as a new hospital services management board with equal aboriginal representation and asked the medical services branch to create the position of associate zone director.

Gordon will become zone director once she is trained. Eventually she expects that the responsibility for most of the health care services and programs will be transferred to communities, the tribal council or the health authority. This could happen next year — or 10 years from now, she says. "It depends on the communities." Most people expect that the University's program will be transferred to local authority, too, leaving University physicians as consultants.

Enormous administrative, political and budgetary obstacles are in the way of a quick transition, but none seems large enough to stop inevitable change.

LETTERS



PENSION PLAN SURPLUS PUT TO GOOD USE

Professors Gittins and Choudhry wrote in a letter to *The Bulletin* that the annual report on benefits is blatantly misleading in two areas — the characterization of the University's contribution to the pension plan and the cost of providing vacation and holiday pay (Report on benefits blatant distortion, May 8). Readers should know the proper context in which to consider the observations of Gittins and Choudhry.

By now most employees have received their 1995 Annual Benefits & Pensions Statement. Its purpose is to inform employees of the value of the various programs and the approximate cost to both the employee and the University. The approximate employer cost includes the University's contributions for medical and health plans, life insurance, long-term disability, pension plan, joint membership plan, Canada pension plan, unemployment insurance, workers' compensation board and the health levy payroll tax. If anything, the statement underestimates the true cost to the University as it does not include the costs of various other programs such as tuition waiver or scholarship programs for dependents, educational assistance and training and skill leaves.

Besides obvious efforts to provide more information about the benefits and pension plans, the 1995 statement includes other changes. We have removed the employer cost of providing vacation and holidays from the cost summary, but not for the reasons that Professors Choudhry and Gittins suggest. This

year's statement is tailored to each individual and it is difficult to determine the figure for each person accurately without accurate records of vacation entitlement and attendance. Contrary to the assertion by Gittins and Choudhry, there is a real cost to the employer to provide paid vacations and public holidays. When an employee is paid for time not worked, it is a cost to the employer and this should not be ignored, especially when we remember that the University provides more paid vacation and other leave days, including the days between Christmas and New Year, than most other employers.

With respect to the pension plan, I would direct employees to the final page of the 1995 statement (Plan Funding) that discusses the issue of the employer's contributions. The pension plan is a defined benefit plan. After employees have made their contribution, based on a formula related to salary, the University is responsible for ensuring that there is sufficient money in the fund to pay the pension to which employees are entitled. In the long run, i.e., over 40 or 50 years, the University contributes significantly more than do employees to the fund. Since 1966 employer contributions to the fund have been around 150 percent of employee contributions. However, when there is an actuarial surplus in the fund, the Ontario Pension Benefits Act, the plan itself and agreements between the University and the faculty and staff associations and union locals permit the University to use the surplus to pay for its contribution to the plan.

The University is currently real-locating the money it would nor-

mally contribute to the plan from the operating budget to help deal with its continuing budget problems. The establishment of the transitional funds helps departments and divisions adjust to the budget cuts that must be made. A large part of the surplus, \$44.1 million, is also being used to meet social contract obligations. This reduced the impact of the social contract on employee salaries. Between 1993 and 1996 all employees will have had their salaries temporarily reduced by the equivalent of two days per year, 0.8 percent, while still being eligible for merit increases where agreements permit. Without the use of the pension surplus, the reduction in salary would have been almost five percent. At the time the social contract agreements were negotiated all of the unions and associations were of a single mind that this was an entirely appropriate use of surplus funds.

MICHAEL FINLAYSON
VICE-PRESIDENT
(ADMINISTRATION AND HUMAN RESOURCES)

IS IT WORTH PROVOST TO CO-CHAIR TASK FORCE?

In his response on May 4 to the strategic plan of the School of Graduate Studies, the provost proposes a massive restructuring of the school that allows for immediate and future budget cuts. A small task force is to recommend how the restructuring is to be implemented.

There is a range of divergent opinion about the future of the graduate school, so important to the

mission of the University.

Accordingly, whatever the final decision, this community must be confident that all points of view have been fully considered and that the policy adopted is sound.

Unfortunately, the discussion is attended by the issue of financial exigency, fears for the loss of integrity of the graduate program and apprehension that current functions of the school be assigned elsewhere without a corresponding allocation of resources. The large attendance at the May 9 meeting of SGS Council can be fairly interpreted as a manifestation of concern that there is a "hidden agenda." In view of this, it is wise for the provost himself to co-chair a task force that will examine his own proposed changes and advise him as to a course of action?

As an example of the consternation felt about policy determination at this university, I quote from a letter from Stephen Johnson, president of the Graduate Students' Union, to the provost, tabled at the SGS meeting on May 9:

"The promise of consultation has been broken and the reality seems to have been that the future of our institution has been the property of yourself, the President and the four deans of SGS, Arts and Science, Medicine and Engineering. I have long suspected this was the case but the recent events surrounding the future of SGS have only served to finalize and confirm my fears. There can be no sense of common purpose at this institution as long as the secretive process you have chosen to pursue continues. It is shameful and unacceptable in principle and thoroughly unacceptable in a

publicly funded institution which is administered as a trust for the people of Ontario."

These are strong words in a temperate and well-argued letter. To the extent that Johnson's views are shared elsewhere on the campus, they represent a rebuke to our administration and a challenge to the provost to ensure that decision-making on this difficult issue is open and collegial for the faculty, the administrative staff and the students affected.

EDWARD BARBEAU
CHAIR, UNIVERSITY & EXTERNAL AFFAIRS COMMITTEE
U OF T FACULTY ASSOCIATION

A CASE OF CHILD DISCRIMINATION

Well, well! It appears that not only will there be no corresponding Take Our Sons to Work program but also that a number of people think this is a good thing (Forum, May 8; Letters, May 29). I suppose the most unsettling aspect of these erudite rationalizations is that they promote the notion that equal treatment of girls and boys by institutions is somehow unfair and that the provision of opportunity for girls can be achieved by penalizing boys.

The fact remains that such officially sanctioned, arbitrary exclusion of an individual by the University solely because of his sex is discriminatory and particularly odious when practised against children.

For shame.

JOHN GRAYDON
DEPARTMENT OF CHEMICAL ENGINEERING & APPLIED CHEMISTRY

SPOTLIGHT ON RESEARCH

HIGHWAY DRIVING AND ARROWS THAT POINT TO NEW DIRECTIONS

Link found between DNA repair and defects

A team of U of T researchers has discovered a link between DNA repair and birth defects.

In research published in the current issue of *Nature Genetics*, Peter Wells and colleagues show that DNA damage mediates birth defects caused by drugs and environmental chemicals. Using a special strain of mice that lack a key process for repairing DNA, they examined the effects of harmful chemicals on embryos. They found that embryos from mice lacking the ability to repair DNA were more likely to die before birth or have birth defects. The mice were deficient in the so-called p53 suppressor gene, important for DNA repair.

Wells, a professor of pharmacy and pharmacology, predicts that this is the first of many studies that ultimately will help identify women and

in some cases the embryos that are more susceptible to birth defects. "Once we know the reasons for individual susceptibility we can help people prevent or reduce harm to their unborn children," he said.



Looking out for public on info highway

Privacy, accessibility and governance of Canada's information highway will be the key issues addressed by Professor Andrew Clement of the Faculty of Information Studies during a three-year study entitled Developing Information Policies for a Canadian Information Infrastructure.

"At the moment the information highway is badly driven by market forces as businesses jockey for a piece of the action," said Clement. "We need to examine how people may be affected by these developments and how we can ensure public interests are also served." The research is funded by the Social Sciences & Humanities Research Council.



Most arrowheads tools, not weapons

The ubiquitous arrowhead was probably not a weapon but a cultivation tool. Chen Shen, an anthropology PhD student, carbonated projectile points (arrowheads)

that were found in the Grand River, near Brantford, Ontario. Analyzing the projectile points he found evidence that most arrowheads were multifunction tools, used for cutting grass and digging, but not for killing.

Microscopic examination of tools reveals fractures, chippings and impact traces that indicate how the tools were used. Isotopic analysis can even reveal blood residue that would indicate the projectile was used for hunting. "But I haven't found blood residue on these arrowheads," explained Shen. The evidence suggests that the pre-Iroquoian people of the period 600-900 AD relied on agriculture and not on hunting and gathering.

The power of irony focus of new book

A new book by Professor Linda Hutcheon, *Irony's Edge: The Theory*

and Politics of Irony (Routledge), examines the use and abuse of irony in contemporary culture. A specialist in English and comparative literature, Hutcheon argues what distinguishes irony from other figures of speech is its emotional dimension, particularly its political edge.

"Using irony in these politicized times is risky. The serious consequences of its misunderstanding can be read about daily," she said. The central case study of the work focuses on one of the most controversial museum exhibits in Canadian history: the Royal Ontario Museum's Into the Heart of Africa exhibition. "The exhibit is an example of how 'inappropriate' use of irony can lead to picketing, confrontations and court injunctions, the opposite public reaction to what the museum had intended."

AN ADVOCATE FOR UNDERGRADUATES

John Kirkness has helped make U of T a better place for novices on campus

BY SUZANNE SOTO

U OF T CAN BE AN OVERWHELMING place. With three main campuses, more than 100 faculties, departments and programs that serve the institution's 52,000 students, it is easy for newcomers to feel lost or forgotten.

Chosen by high school graduates primarily for its academic and research excellence, the University has also earned a reputation as a vast and rather unwelcoming environment. These perceptions and other concerns about the state of undergraduate education were addressed by former president George Connell in his report *Renewal 1987*.

One of the issues the report raised was the notion that undergraduate students were being neglected as the University focused its efforts in research and graduate studies, recalls Professor John Kirkness of the Division of Humanities at Scarborough College. In response to the document — and in an effort to bring about change in both perception and practice at U of T — former provost Joan Foley named Kirkness to the newly created post of provost's adviser on undergraduate education in 1989, originally for a three-year term.

A French professor at the Scarborough campus since 1968, Kirkness came to the adviser's job with impressive credentials. In 1974 he won a faculty award for excellence in teaching. Between 1976 and 1982 he directed the University's former Office of Educational Development, a position that required him to formulate ways of improving the quality of teaching and learning at U of T. In the late 1970s he also chaired a Council of Ontario Universities committee on instruction and learning.

Kirkness was asked to help the University improve the quality of its teaching and thereby enhance the learning experience for undergraduate students. He had no formal job description but a general mandate to assist students with their transition from high school to the University, encourage and recognize teaching excellence on campus and support educational research and development.

He accomplished all of that and much more, agree administrators, faculty and students, as Kirkness readily to leave the position June 30. "He has done a terrific job," says Provost Aded Sedra, who succeeded Foley in 1993 and twice extended Kirkness' term. "His style and his way of operating were just what we needed. He has raised the consciousness of the University to the importance of improving teaching and has



encouraged department chairs and deans to undertake many projects in this area."

Wendy Talford-Jones, past president of the Association of Part-time Undergraduate Students and a current Governing Council member, said Kirkness has been a dedicated advocate for students and is genuinely concerned about how the quality of teaching affects them. "He has been a real voice for that side of things, which is good to have in a university that is heavily research-oriented."

In a small, windowless office tucked away on the second floor at Simcoe Hall, Kirkness is reluctant to take credit for the marked emphasis the University has placed on teaching in the past few years. "My role has been largely invisible and that is the way I like it," he says. "I organize my own files and write my own memos, I don't run a budget. I provide ideas, advice, suggestions."

One of the first things Kirkness did was to meet with groups on campus representing faculty, staff and students. His goal was to determine what programs they were already running to improve undergraduate teaching and what they hoped to do in the future. More important, however, he wanted to know just what members of the community thought was needed and what he should do to add to existing and subsequent efforts. In essence, Kirkness says, he asked them to define his job.

It was a good strategy, Sedra notes. "He didn't come in and say to departments 'The Provost wants you to do this or that.'" Instead, he told divisional leaders he was there to give them

information about what other universities were doing about teaching, for example. He left it up to them to create projects that suited their own environments, such as mentoring programs for new faculty members and teacher training for teaching assistants.

The divisions responded, with the Faculty of Arts & Science as one of the leaders. Under the direction of Dean Marsha Chandler, who has worked closely with Kirkness, the faculty now gives awards to its outstanding instructors and offers teaching development seminars to all faculty members. In the fall of 1994 it also introduced smaller classes designed specifically for new students — over the years their main complaint had been that first-year classes of 800 or 1,000 were simply too large.

Kirkness also played a role in creating a teaching quality coalition which led to the appointment of ed-

ucational consultants and the establishment of a central teaching services unit. He assisted in the opening of a teaching and research development centre at Robarts Library and helped develop faculty and student surveys to ascertain how professors feel about teaching and to determine the ethnic diversity of U of T students as well as these students' interests and aspirations. The appointment of a writing coordinator for the University was another of his many projects.

A great source of satisfaction was the release of the provostial white paper on planning last year, he says. Because of the paper's strong emphasis on linking teaching and research and on the importance of providing support for faculty development in both areas, the plan, he believes, marks a new phase of institutional support for undergraduate education. "It indicated that U of T is paying serious attention to these things. It may not be getting the answers always right but it is now asking the questions and giving them importance." Kirkness says he also welcomes Sedra's decision to appoint someone else to the job he is vacating — the provost has assembled a committee for advice on possible candidates.

Meanwhile Kirkness plans to spend next year at the University of British Columbia researching a subject dear to his heart — how well universities respond to student needs.

"I want to look at how university accountability is seen by students and what their sense of a quality education is," he says. "We have to know what students think and if they believe that what we are offering them are the best programs."

Innovative Research Receives Funding from Connaught

FIVE U OF T RESEARCHERS received transformative research grants totalling more than \$500,000 from U of T's Connaught Committee.

The grant program, now in its third year, offers support for new areas of innovative research. This year's winners are Professors James Drummond of the Department of Physics, Scott Eddie of the Department of Economics, George Elliott of the Department of Mathematics, John Roder of the Department of Immunology and Wesley Wark of the Department of History.

Drummond, who received \$117,000 over three years, is involved in building a satellite instrument to measure carbon monoxide and methane in the lowest region of the earth's atmosphere. The instrument, known as MOPITT (Measurements

of Pollution in the Troposphere) will be launched in 1998 on a NASA satellite.

Eddie will use diometrics — theoretical models and statistical analysis to research historical questions — to examine the role of the Junkers, the Prussian landed nobility, in German history. The study will determine the Junkers' influence on the development of the German economy between 1871 and the First World War. Eddie received \$114,000 over two years.

Elliott will investigate new evidence that has implications for the classification of mathematical objects called C*-algebras. These objects arise commonly in math and physics, especially in mechanical or statistical models. The orderly patterns appearing among these objects are similar to the makeup of the periodic table of elements. Elliott

received \$120,000 over three years.

Roder will develop new genetic applications for the field of learning and memory by manipulating the gene that affects memory. Vertebrate learning and memory can currently be studied at different levels, such

as molecular and behavioural, but only independently of one another. Roder's study, supported by an \$80,000 grant over two years, will attempt to bridge these different levels.

Wark, who received an \$87,000 grant, will explore the ways in which

spying was mythologized in the west from 1945 to 1975. In particular he will examine how the spy figure evolved by looking at a variety of genres and material including spy fiction, spy films, documentaries, memoirs and journalism.

Students with Disabilities Focus of Book

THE MANY DIFFICULTIES FACED by university students with disabilities, and their struggles to overcome such obstacles, are the subject of *Speak for Yourself*, a new book produced by Special Services to Persons with a Disability. The book was released during National Access Awareness Week, May 29 to June 5. The book features nine U of T students from a variety of age and cultural groups and with disabilities ranging from dyslexia to quadriplegia.

The students are enrolled in, or have recently graduated from, undergraduate and graduate programs in law, education and engineering, among others.

In their own words the students frankly describe what it is like to be unable to see, hear or write in a university environment. They also talk about living and studying while coping with pain and illness and the prejudice they sometimes encounter both on and off campus.

Special services director Eileen Barbeau said that copies of the book will be sent to guidance offices in high schools across the province as well as to disability-related organizations. "We hope that *Speak for Yourself* will be used as a resource by schools and organizations to encourage students with disabilities to go to university," she said.

Speak for Yourself was funded by the U of T Alumni Association and printed by U of T Press.

Where to find THE BULLETIN

RACKS AND BOXES

Bloor & St. George
southeast corner

Gerald Larkin Building
16 Devonshire Place, lobby

Claude T. Bissell Building
140 St. George St., outside

Robarts Library
north entrance

Wycliffe College
Hoskin Ave. at Tower Rd.

Whitney Hall
85 St. George St.,
in sheltered entrance

Sir Daniel Wilson Residence
73 St. George St.,
box by porter's door

Sir Daniel Wilson Residence
southwest corner

21 King's College Circle
inside front door

University College
lobby

Simcoe Hall
rack inside door

Medical Sciences Building
main entrance

Medical Sciences Building
east side by dean's office

Sigmund Samuel Library
lobby

Hart House
Arbor Room entrance

Sidney Smith Hall
inside east and west doors

Sidney Smith Cafeteria
east door

Innis College
Sussex Ave., at Innis College Cafe

New College
21 Classic Ave., Wetmore Hall

New College
40 Willocks St.

New College
northeast corner,
Huron and Willocks

Botany
25 Willocks St.,
corridor on east side

Forestry
33 Willocks St., east entrance

45 Willocks St.
front of building

Lash Miller Chemical Laboratories
Willocks St. and St. George St.
entrances

McLennan Physical Laboratories
main foyer

Knox College
59 St. George St., southwest corner

45-49 St. George St.
box between buildings

Galbraith Building
lobby on St. George St.

International Students Centre
inside door

Koffler Student Services Centre
St. George St. and College St.
entrances

215 Huron St.
inside front door

Sandford Fleming Building
in open area

College St. & King's College Rd.
northeast corner

FitzGerald Building
Taddecock Road, east side

Best Institute
112 College St., on wall

ROSENSTADT LECTURE SERIES

JEFFREY S. DOVER, M.D.

Harvard Medical School
Chief, Division of Dermatology
New England Deaconess Hospital, Boston, MA

Cutaneous Laser Surgery— Past, Present and Future

Tuesday, June 20, 1995
4:00 p.m.
Medical Sciences Building
Room 3154

Dr. Dover is one of the recipients of the 1994-95
Bertha Rosenstadt Professorships in Medical Education
at the University of Toronto.

Hosted by the Division of Dermatology,
Department of Medicine, Women's College Hospital



TRINITY COLLEGE

PROVOST

Trinity College, a university in federation with the University
of Toronto, invites applications and nominations for the
office of Provost, the chief executive officer of the College. The
appointment is for five years, commencing 1 July 1996.

With 1,200 undergraduates, 100 divinity students, and 80
Fellows, Trinity College enjoys a tradition of academic excellence
and the strength of a culturally diverse community that respects the
value of its Anglican heritage.

Candidates should be committed to fostering scholarship and
academic values, and have demonstrated leadership and
administrative skills, respect for consensual governance, and the
ability to translate a compelling vision and enthusiasm for the
College into effective advancement and fund raising.

Applications and nominations should be sent with a curriculum
vitae by 15 July 1995 to the Search Committee, c/o Ms. Jill
Willard, Secretary, Trinity College, 6 Hoskin Avenue, Toronto,
Ontario, M5S 1H8.

In accordance with Canadian immigration requirements, this
advertisement is directed to Canadian citizens and permanent
residents. Trinity College encourages applications from qualified
aboriginal Canadians, persons with disabilities, members of
visible minority groups and women.

THE DENTAL GROUP AT 39 PLEASANT BOULEVARD

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EVENTS



LECTURES

Cutaneous Laser Surgery —
Past, Present and Future.

TUESDAY, JUNE 20

Dr. Jeffrey S. Dover, Harvard Medical
School; Rosenstadt Lecture. 3154 Medical
Sciences Building. 4 p.m.



SEMINARS

Analysis of Sos and Notch
Signalling.

MONDAY, JUNE 19

Dr. Sean Egan, Hospital for Sick
Children, 4279 Medical Sciences Building,
4 p.m. Molecular & Medical Genetics

Analysis of the Notch Signalling
Pathway in Mammary Epithelial
Cells.

TUESDAY, JUNE 20

Benoit St-Pierre, Department of
Molecular & Medical Genetics.

The Characterization
of the C. elegans Axon Guidance
Gene *unc-73*.

Rob Steven, Department of Molecular &
Medical Genetics. 3153 Medical Sciences
Building. 2 p.m. Molecular & Medical
Genetics

Lineage-Specific Control of
Trophoblast Cell
Differentiation.

MONDAY, JUNE 26

Dr. Jay Cross, Mt. Sinai Hospital. 4279
Medical Sciences Building. 4 p.m.
Molecular & Medical Genetics

Analysis of Protein-Protein
Interactions Involved in the
Regulation of RNA
Polymerase II.

TUESDAY, JUNE 27

Andrew Emili, Department of Molecular
& Medical Genetics.

The *unc-5* Nerve Guidance
Protein in C. elegans: Pushing the
Limits of Detection and of
Patience.

Ian Scott, Department of Molecular &
Medical Genetics. 3153 Medical Sciences
Building. 2 p.m. Molecular & Medical
Genetics



EXHIBITIONS

JUSTINA M. BARNICKE
GALLERY
HART HOUSE
Live Coverage.

TO JUNE 15

John Scott, drawing installation. Both
Galleries. Gallery hours: Monday to
Friday, 11 a.m. to 7 p.m.; Saturday and
Sunday, 1 to 4 p.m.

THOMAS FISHER RARE BOOK LIBRARY

Fine Printing: The Private Press
in Canada.

TO JUNE 16

Examples of fine printing. Hours: Monday
to Friday, 9 a.m. to 5 p.m.

SCHOOL OF ARCHITEC- TURE & LANDSCAPE ARCHITECTURE Thesis 1994/95.

TO JUNE 22

Showcases student work. SALA Gallery,
230 College St. Hours: Monday to Friday,
9 a.m. to 5 p.m.

UNIVERSITY OF ST. MICHAEL'S COLLEGE St. Michael's College Collection of Prints of the University of Toronto.

TO JUNE 30

Selections from Nicholas Hornyansky,
Gabor Mezei, Owen Staples and others.
John M. Kelly Library. Hours: Monday to
Thursday, 10 a.m. to 6 p.m.

MEETINGS & CONFERENCES

Business Board.

MONDAY, JUNE 26

Council Chamber, Simcoe Hall. 5 p.m.



MISCELLANY

Campus Walking Tours.

TO AUGUST 31

Hour-long tours of the downtown campus
conducted by student guides. Tours avail-
able in English and Hindi. Map Room,
Hart House. 10:30 a.m., 1 and 2:30 p.m.,
Monday to Friday. Information: 978-
5000.

Risk, Resiliency and Prevention:

A Reflection on Long-Term
Studies of Children of Parents
with Affective Disorders.

WEDNESDAY, JUNE 14

Prof. William R. Beardslee, Harvard
Medical School. Auditorium, Clarke
Institute of Psychiatry. 5 p.m.

Clarke Institute of Psychiatry Annual General Meeting.

THURSDAY, JUNE 22

General meeting, 4:30 p.m. Guest speaker:
Timothy Finlay. Everything I Tell
You is the Truth — Except the Lies. 5:15
p.m. Auditorium, Clarke Institute of
Psychiatry. Information: 979-6816.



DEADLINES

Please note that information for Events listings
must be received in writing at The Bulletin
offices, 21 King's College Circle, 2nd floor, by the
following times:

Issue of June 26, for events taking place
June 26 to July 10, MONDAY, JUNE 12.

Issue of July 24, for events taking place July
24 to August 21: MONDAY, JULY 10.

CLASSIFIED

A classified ad costs \$15 for up to 35 words and \$5.00 for each additional word (maximum 70). Your phone number counts as one word, but the components of your address will each be counted as a word. No charge for postal code. A cheque or money order payable to **University of Toronto** must accompany your ad. Ads must be submitted in writing, 10 days before *The Bulletin* publication date, to **Nancy Bush, Department of Public Affairs, 21 King's College Circle, 2nd Fl., Toronto, Ontario M5S 1A1.** Ads will not be accepted over the phone. To receive a tear-sheet and/or receipt please include a stamped self-addressed envelope. For more information please call: 978-2106.

ACCOMMODATION RENTALS AVAILABLE -METRO & AREA-

Sabbatical rental. Large, fully furnished, condominium apartment. 2 bedrooms, 2 baths en suite. 6 appliances. Pool. Balcony. Opposite park. Quiet central location. Subway at door. 15 minutes to U of T. Available for one year. \$1,400/month inclusive. 787-4857.

Sabbatical rental. Professor has a 4-bedroom furnished house for rent on a tree-lined street off downtown. 10-minute subway to U of T. \$2,000/month plus utilities. January to July 1996. Marc Lewis, 923-6441, x2443.

1995/96 academic year. Prof's residence: 3-story house, loaded with character. King/Dufferin area. Large rooms, 4 bedrooms, library/den, sun-room, beautiful formal dining-room, all appliances, parking, furnished/unfurnished. Available immediately. Evenings, 761-0064.

Three-storey Edwardian. Close Riverdale. Gorgeous furnished house. 2 bedrooms, family/guest room. Study. 2 1/2 just-renovated bathrooms. Jacuzzi. Fireplaces. Spacious kitchen. Hardwood. Attractive furnishings. All appliances. Beautiful garden. September 1995—August 1996. \$1,500 plus. (416) 469-2789. Car negotiable.

June 27 — September 6. College/Rushmore. Large 2-bedroom apartment in private house. On quiet, tree-lined street, piano, fireplace, fully furnished, all appliances, enormous backyard. \$990 per month. (416) 534-1956.

Admiral Road — close to University and hospitals. Spacious lower-level, private entrance, fireplace, one+ bedrooms. Furnished (flexible). \$795/month, utilities included. Parking available. From July 1, 1995. (905) 822-4015 (daytime, weekdays).

Beautifully furnished home. Casa Loma area. 5 bedrooms, 3 baths. All appliances. Patio, double garage, quiet cul-de-sac. Available July 1 — September 1. TTC, shopping, parks nearby. \$2,000/month, utilities included. References. Non-smokers. 534-6123.

House, furnished or unfurnished. Central location near St. Clair W. and Oakwood. Quiet one-way street. 3 bedrooms, 2 bathrooms, 2 fireplaces. Renovated kitchen, all appliances, 2nd-floor laundry room. Single car garage, enclosed backyard with deck. Steps to schools, shops, streetcar. \$1,290 + utilities. Available August 1. Call (416) 653-0397.

Bloor West Village. 3-bedroom house, furnished if desired. 5-minute walk to subway, 2-car garage, 2 decks, city garden. Available September 1. \$1,750/month. Includes call. 618-8-8.

Annex. Ground floor of home, furnished, equipped. 716 sq. ft. Bohemian but func-

tional. Suit couple. From June 30 to August 8 — negotiable. Exotic yard. Parking. Walk to U of T. \$600/month. 38 Howard Ave. Call Ron, (416) 588-9865.

Short- or long-term apartment. Annex — one bedroom, fully equipped, immaculate, quiet, smoke- and pet-free. 5 appliances, parking. \$300 per week. Walk to U of T. Available immediately. (416) 967-6474.

Hillcrest area, Davenport & Christie. Lovely, spacious, elegant, furnished 3-bedroom, balcony, 2-story home, renovated, finished basement, laundry facilities, double garage, close to transit, school. Available immediately. \$1,600/month + utilities. (416) 537-8153.

Bathurst/Dupont first floor/basement. furnished house. January 1 — April 30, 1996. Close to University, metro, shopping, restaurants. 2 bedrooms, 2 bathrooms, carpeted, fireplace, dishwasher, washer/dryer. \$1,000 per month. Call (416) 534-2550, fax (416) 531-4309.

Caswell and Danforth. 2-bedroom mostly furnished house. Quiet neighbourhood. 2 blocks from the subway. Laundry facilities, street parking. Available end of July for one year (flexible). \$1,000/month plus utilities. Phone Louise at 690-6933.

Sabbatical Rental. December 15, 1995 — September 1, 1996. Renovated 3-story Victorian, fully furnished and equipped. Ten minutes from U of T. 2 bedrooms, an office, 2 bathrooms, 2 fireplaces, central air, 3 outside decks, large backyard, parking. Non-smokers. \$2,000 plus utilities. (416) 537-5352.

Bloor/St. George. 1 minute to U of T. Subway at door. 3-bedroom penthouse apartment, 2 1/2 bathrooms, dishwasher. Panoramic view. From July 1995. \$2,225/month. (905) 737-2878.

Sabbatical home — furnished in Beaches. Three bedrooms, family room, yard, near public transit, schools, shops, restaurants, lakefront. Suitable for professional couple, small family. Non-smokers. References. One year from August 1995. \$1,600 plus utilities. (416) 691-8921.

Huron-Sussex-Robarts Library. Steps to campus. Large studio apartment, newly renovated and decorated in large Victorian house. Entire 3rd floor with sundeck. Available August 1 or TBA. \$775/month including all utilities and cable TV. First and last months' rent with references required. Could be furnished and fully equipped and parking at additional cost. Call 971-6094 for an appointment or leave a message.

ACCOMMODATION RENTALS REQUIRED

Univ. of Toronto faculty member seeks furnished accommodation for term starting beginning July 1, 1995. Please call (416) 608-4729.

Single professional gentleman seeks clean, quiet, one-bedroom, furnished apartment in Annex for July and August. References available. Call (212) 877-7958.

Journalist (Southern Fellow), on sabbatical at U of T seeks unfurnished 2-bedroom house or apartment within walking distance of campus. Starting August or September through April. Hardwood floors and all appliances. Reliable tenant who will care for your property. Contact J. O'Neill, Ottawa (613) 562-2078.

ACCOMMODATION SHARED

Two-bedroom, two-bathroom, elegantly furnished condominium with garden for male professor or visiting scholar (non-smoking) to share with university professor. St. George and Bloor. August 1995 to May 1996. \$550 monthly inclusive. 921-1672.

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Swap house/apl. Toronto/New York. Beautiful, furnished, 4-bedroom Victorian home, downtown Toronto, blocks from University of Toronto. Professional couple interested in swapping for furnished flat on west side between 50th & 80th (preferably) August/September 1995 for approximately 12 months. (416) 975-0681.

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Award-winning home. Immaculate, smoke- and pet-free. Quiet nooks and crannies for reading and relaxing. Healthy breakfasts and we cater to diets. Walk to U of T. ROM. Parking. \$80 daily for two, \$65 for one. (416) 967-6474.

Niagara-on-the-Lake. Historic home in old town. Short walk to theatres, shops, golf, lake. Beautiful secluded spacious garden. Warm hospitality, distinctive breakfasts. Double, twin, private bath. \$95 includes taxes. Non-smoking. (416) 654-0901 (evenings).

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Muskoka cottage for rent. Suitable for mature family. All amenities, canoe. \$700/week. Call Mark. 783-2680 evenings.

Country property. 1 1/2 hrs E. of Toronto. Very private. Furnished Victorian home on high ridge, 1/2 mile west Rice Lake; magnificent view, 4br, 2 bath, screened porch, fireplace. Available July 1 — September 1. \$400/week. (416) 447-6706.

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fireplace. Golf, fishing and water park close by. Fabulous dining & boutique shopping. Thirty minutes from Montreal. Available year round. Call Carol 978-0165 for weekly rates.

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RENTING OR BUYING? Be efficient, be informed. Let us search the Toronto Real Estate Computer for you. Quickly determine what is available for your price range, neighbourhood and physical requirements. Financial assistance available. Patrick Ho Real Estate Broker, Grace Real Estate Representative, (416) 595-0626 for details.

Only \$288,800 for this luxurious home with finely crafted blend of space and light. Offers an impressive array of upgrades (that reflect on the vendor's commitment to quality) and optimum enjoyment. Prof. Judge's area in downtown. Please call: Maria Florosz at (416) 281-2200. Coldwell Banker Golden Key Realty Ltd.

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INDIVIDUAL & COUPLE THERAPY. Extended health benefits provide full coverage for U of T staff. Dr. Gale Bidlofeld, Registered Psychologist, 114 Matland Street (near Wellesley and Jarvis). 972-6789.

Violet Head, Registered Psychologist. Individual, family and group psychotherapy. Work with other cultures, women's issues, addictions, depression, etc. U of T staff health benefits cover cost. 200 St. Clair Ave. W., Suite 404, Toronto M4V 1R1. 922-7260.

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Phyllis' Place of Esthetics. Your beauty solution at 186 St. George at Bloor. Offering very good rates. In the business for twenty-five years. Facials: \$55. Pedicures: \$25. Waxing and many more treatments available. Please call 926-9449.

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The Bulletin

invites readers to submit information regarding awards and honours as well as death notices of staff and faculty.

When submitting awards and honours, please include as much background information as possible.

Please send, deliver, fax or e-mail

the information to:

Joan Griffin

21 King's College Circle; fax, 978-3958;

e-mail, joang@dur.utoronto.ca

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RESEARCH NOTICES

For further information and application forms for the following agencies, please contact University of Toronto Research Service (UTRS) at 978-2163.

INTERNATIONAL FOUNDATION FOR EDUCATIONAL EXCHANGE

The Canada-US Fulbright program aims to enhance research and teaching opportunities for Canadian and American faculty and graduate students engaged in the study of Canada, the US and the relationship between the two countries. Applications are accepted from scholars in the arts, the humanities and social sciences, policy dimensions of the sciences and in professional fields such as law, business administration and journalism. Priority areas include science education, innovation, science policy and industrial research and development, the environment, general and family business, trade and policy, constitutional studies, health policy, native studies, Arctic/northern studies, substance abuse research and education. Further information and application packages are available from: The Foundation for Educational Exchange, 350 Albert St., Ste. 2015, Ottawa, Ontario K1R 1A4 Tel. (613) 237-5366. Deadline is September 30.

CRB FOUNDATION

The foundation promotes the unity of the Jewish people and the enhancement of Canadianism. It determines its priorities and then selects partners to work with. Although a few large multi-year projects are favoured rather than a series of smaller grants, proposals are considered throughout the year. The foundation awards seed money to a few promising proposals that relate to its overall objectives and to current priorities. For further information contact: The CRB Foundation, 1170 Peel St., Montreal, Quebec H3B 4P2.

GENERAL SECRETARIAT OF THE KING ISLAND INTERNATIONAL PRIZE
Nominations are invited for the 1996 King Island International Prize for (1) science (biology) and (2) medicine (management of the premature infant) from universities throughout the world. Nominated work must be published and original, represent a contribution of the highest distinction in the prize category, benefit humankind and advance scientific knowledge. Further information is available from Tom Fleming at 978-1870. Nominations must be received by the secretariat no later than September 1.

PAN AMERICAN HEALTH ORGANIZATION

The research grants program is one of the instruments that PAHO relies on for developing cooperation activities aimed at solving health problems that have been identified in the region. The program gives preference to applied research, with a special emphasis on projects that are analytical and evaluative. Subject areas are health and development, health systems and services, health promotion and protection, health and the environment and disease prevention and control. The program basically supports public health research — studies that analyze health problems and propose solutions using a population-based approach. Proposals should reach program headquarters six to eight weeks before a meeting of the review committee, held each year in last week of February, third week of June, third week of September and the last week of November. For further information, please contact Dr. R. de los Rios, Pan American Health Organization, 525 23rd St. NW, Washington, DC, USA 20037. Tel. (202) 861-8472.

WORLD HEALTH ORGANIZATION/PAN AMERICAN HEALTH ORGANIZATION
On behalf of *Health Canada* the Canadian Society for International Health has announced details of the annual WHO competition for researchers wishing to Canadian citizens wishing to undertake

short-term studies abroad. Health personnel eligible to apply include those who have finished their formal professional training, who have several years of experience and who now wish to continue their professional development in a health-related field relevant to their work. Fellowships are intended for those currently working in the health system. Applicants will be rated by a Canadian selection committee on the basis of education, experience, proposed area of study, field of activity and the intended use of their newly acquired knowledge. The final decision regarding the awarding of a fellowship rests with WHO/PAHO. Additional information and application forms can be obtained by contacting: WHO/PAHO Fellowships, Canadian Society for International Health, 170 Laurier Avenue West, Suite 902, Ottawa, Ontario K1P 5V5. Tel: (613) 230-2654, ext. 309; fax: (613) 230-8401. Applications must be received before September 15.

HUMANITIES & SOCIAL SCIENCES SOCIETIES & HUMANITIES RESEARCH COUNCIL

The integration of persons with disabilities has been reviewed. Please contact UTRS for program description. Deadline has been extended to July 31.

MEDICINE & LIFE SCIENCES

AMERICAN PARALYSIS ASSOCIATION
APA will support research activities that seek a cure for paralysis and other sequelae of CNS injury with a preference for research directly applicable to the spinal cord. U of T investigators are advised that the fall 10 percent indirect cost component be included in the application budget. Deadline is July 15.

AMERICAN SPEECH-LANGUAGE HEARING FOUNDATION

ASHLF offers funding for research that has particular clinical relevance to speech-language pathology and audiology. Funds are available under the following programs: the graduate scholarship component provides six scholarship awards for registered full-time graduate students in communication science and disorders programs. Deadline is June 15; 1995 student research grant (early childhood language development) is open to any graduate or post-graduate student for support of research in this area. Deadline is July 3; 1995 student research grant (audiology) is open to any graduate or post-graduate student for support of research in the area of clinical and/or rehabilitative audiology. Deadline is July 3; 1995 research grant for new investigators is open to investigators within five years of master's or doctoral level degree to further the research activities with clinical relevance to speech-language pathology and audiology. Individuals must not have received postgraduate training, with the exception of internal university funding. Deadline is July 14; 1995 research grant in speech science is open to investigators within five years of a doctoral degree to further research initiatives in speech sciences with priority given to speech perception, synthesis and acoustics with an emphasis on an interdisciplinary research approach. Deadline is July 17.

CANADIAN CYSTIC FIBROSIS FOUNDATION

The foundation announces the creation of the SPARX program. The objective of SPARX is to create new opportunities for research and clinical investigation; to hasten the advent of new treatments for CF by encouraging applied research based on collaborative links between investigators, scientists and clinicians and between academia and industry. Emphasis will be placed on establishing or reinforcing links among the most highly qualified investigators, regardless

of their geographical location. SPARX will facilitate interdisciplinary studies in three target areas: infection, inflammation and the basic defect. CCFF will fund up to the SPARX units through the 1995 competition, with funding to begin in April 1996. Researchers holding an academic appointment in a relevant discipline at a Canadian university or hospital may apply for funding; individuals already holding CCFF grants in aid and RDP grants are eligible to apply for additional funding through this program. A maximum of 20 percent of a SPARX grant may be held through a Canadian institution, or (a) collaborative investigator(s) outside Canada. Initial application is by letter of intent. U of T investigators must comply with the usual University/UTRS application review and signature requirements prior to submission. Deadline is July 21.

DEAFNESS RESEARCH FOUNDATION (US)

The foundation supports research directed to any aspect of the ear; that is, investigation of function, physiology, biochemistry, genetics, anatomy or pathology. The current policy favours grants to new investigators, "seed" money support for studies in generally unexplored areas of research; however, support is also available for new research by established investigators. The foundation permits an overhead component of 10 percent of direct costs and U of T investigators are reminded to include the full percentage in their budget allocations. Deadline is July 15.

HEALTH CANADA

The NHRPD career awards program offers support to candidates who intend to pursue research in fields closely related to public health or health care. Awards are offered in four categories: two-year post-doctoral fellowships for individuals who have recently completed all formal academic training; five-year research scholar awards for exceptionally promising investigators who have proven research abilities; five-year (renewable until retirement) scientist awards for acknowledged leaders in population health enquiry; three- to 24-month visiting scientist awards for individuals of scientist status during sabbatical leave. Applicants must be Canadian citizens or legally landed immigrants. Awards are normally made to Canadian citizens with established health research programs. Further details are available in the Health Canada/NHRPD Career Awards Guide (reprinted 1994). Deadline is July 31.

NATIONAL ALLIANCE FOR RESEARCH ON SCHIZOPHRENIA & DEPRESSION
NARSAD programs are intended to stimulate the development of scientific personnel and resources and to facilitate the rapid pursuit of innovative or unique research. In 1996, competition with NARSAD will support established scientists for a one-year period in the following areas of interest: unique patient resources; unique conceptual opportunities; and psychoneuroimmunology/virology. However, investigators applying for support are encouraged to define any area of scientific promise. This program is open to all established scientists at the rank of associate professor or above. Initial application is by letter of intent. The usual application and signature requirements apply. Deadline is June 15.

NATIONAL INSTITUTES OF HEALTH
Applications for a pilot and feasibility study are invited for participation in a NIH program project entitled Molecular Phenotype of Cystic Fibrosis. A brief letter of intent should be directed to Lap-Chue Tsui, Department of Genetics, Hospital for Sick Children, 555 University Ave., Toronto, Ontario M5G 1X8. Interested researchers should

contact (416) 813-6382 for further details. Deadline is July 1.

ROCKEFELLER FOUNDATION

The foundation's programs of funding are concentrated on purposes approved by the Board of Trustees and investigators are advised to contact the foundation staff in their area of interest to discuss individual research proposals. Factors considered in evaluating grant proposals include the potential of the proposed project for accomplishing its objectives and contributing significantly to the "well-being of mankind"; the relevance of the project to the foundation's programs; the applicant's qualifications and record of achievement; and the extent of the applicant's efforts to secure additional funding from other sources. Under the health sciences program, the foundation supports the prevention of developing-country diseases through vaccinology and pharmacology; development and implementation of effective community-based disease prevention and control; developing technology for fertility regulation; and population policies and effective management of family planning programs. There are no special application forms, but the foundation has a specific format for grant or fellowship submissions. Applications may be submitted anytime.

PHYSICAL SCIENCES & ENGINEERING

NATURAL SCIENCES & ENGINEERING RESEARCH COUNCIL
The Canada Gold Medal for Science & Engineering is awarded to an individual in recognition of sustained and outstanding contributions to Canadian research in the natural sciences and engineering. The accomplishments for which the award is given must have been carried out in Canada and achieved over a substantial period of time. These accomplishments may have been made to the advancement of knowledge, to the application of existing knowledge to the novel solution of practical problems, to the promotion or management of research activity, or leadership in the transfer of knowledge. Candidates may be nominated by any Canadian citizen. Nominations must include the following items: an up-to-date curriculum vitae for the nominee; a comprehensive summary of achievements of no more than 2,000 words that describes the nature of the achievement and the extent of its significance, benefit and impact and the role of the nominee in bringing about the achievement; and the names and addresses of five to seven persons who could be contacted by NSERC as referees for assessing the nominee's suitability for the award. Deadline is September 1.

All researchers who intend to apply for a research grant (individual or team) must complete the 1996 competition must submit a Notification of Intent to Apply for a Research Grant (form 180) and related documents by Aug. 15. These documents are essential if the application is to be sent out to external referees. Applicants for a team research grant should send a form 180 on behalf of the team and attach a list of the co-applicants and a publication list for each member of the group. Sample of contributions (reprints, preprints, etc.) must be sent with the application and received at NSERC by the November 1 deadline. Do not send them in August. To be complete, an advance material package must include: form 180 — submit original plus two copies; and list of publications — submit three copies of an up-to-date list of publications which should list significant (or relevant) research contributions for the last six years. Eligibility requirements to apply for grants have changed; refer to the 1995 Researcher's Guide (to be distributed in mid-July) for more information.

NSERC will not determine eligibility on receipt of form 180 and no longer provides individual acknowledgements of receipt of form 180. Instead a list of all notifications of intent received from U of T will be sent to UTRS in early September. There is only one deadline for research grants applications; they must be received at NSERC by November 1. The deadline will be strictly enforced and late applications will be rejected.

Enquiries to NSERC may be directed to staff in the Research Grants Directorate at the following e-mail addresses: research grants program and policies — RESGRANT@nserc.ca; collaborative project grants program and policies — COLLAB@nserc.ca.

UPCOMING DEADLINES

June 15
American Speech-Language-Hearing Foundation — graduate student scholarships
Canadian Nurses Foundation — research grants
Jewish Diabetes Foundation International/NIH — interdisciplinary programs in autoimmune disease (invited full application)
MRC — Canadian Lung/MRC Scholar (letter of intent)
Muscular Dystrophy Association (US) — research grants (letter of intent)
National Alliance for Research on Schizophrenia & Depression — established scientists award (letter of intent)
Pan American Health Organization/IDRC — public health research training grants
June 17
United Nations Institute for Training & Research — research grants
June 20
Unesco/TWAS — short-term fellowship in the human genome
June 30
Alzheimer's Association (US) — pilot research grants
Canada Council — Killam research fellowships; Killam prizes (nominations)
Canadian Foundation for AIDS Research — research grants
March of Dimes Birth Defects Foundation (US) — basic research grants (abstracts only)
Shastri Indo-Canadian Institute — fellowships
Smokesheet Tobacco Research Council — research grants
SSHRC — MCRI applications (stage 2)
July 1
Canadian Genome Analysis & Technology Program — stage 1 letter of intent
Anna Fuller Fund — fellowships
National Institutes of Health — cystic fibrosis research program (letter of intent)
Spinal Cord Research Foundation/Paralyzed Veterans of America — research proposals
July 3
American Speech-Language-Hearing Foundation — student research grants
July 14
American Speech-Language-Hearing Foundation — new investigator research grants
July 15
American Paralysis Association — research grants
Deafness Research Foundation (US) — research grants
SSHRC — aid to research and transfer journals
July 17
American Speech-Language-Hearing Foundation — research grants (speech science)
July 31
Health Canada (NHRPD) — post-doctoral fellowships, national health research scholarships, national health scientists, visiting scientists
SSHRC — integration of persons with disabilities

PHD ORALS

Graduate faculty please call the PhD examinations office at 978-5258 for information regarding time and location for these listings.

MONDAY, JUNE 12

Richard Paul Ciemlik, Faculty of Social Work, "The Development of an Integrated Model of Occupational Assistance." Prof. R. Todres.

Perry Douglas Klein, Department of Education, "Concepts and Strategies in Children's Science Experimentation." Prof. D. Olsen.

Xiao-Yan Wen, Department of Molecular & Medical Genetics, "Characterization of a Mouse Insertional Mutation Lpd Associated with a Defect in Triglyceride Metabolism."

TUESDAY, JUNE 13

Shaun David Murphy, Department of Education, "Mentoring and Adult Development: A Study of the Experience of Selected Mentors." Prof. A.M. Thomas.

THURSDAY, JUNE 15

Linda Suzanne Lindsay, Department of Education, "The Impact of Teacher and Student Characteristics on Teacher-Student Conversational Interactions in the Mainstreamed Classroom Setting." Prof. A. Jordan.

FRIDAY, JUNE 16

Paul David Hastings, Department of Psychology, "Parenting Goals as Organizing Cognitions: The Determinants and Functions of Parents' Intentions." Prof. J. Grusec.

Paul Joel Kushner, Department of Physics, "Wave-Activity Conservation Laws and Stability Theorems for Semi-Geostrophic Dynamics." Prof. T. Shepherd.

Xiaohua Qu, Department of

Metallurgy & Materials Science, "Enhancement of Second Harmonic Generation and Difference Frequency Generation Using Inter-Subband Transitions in Asymmetric Quantum Wells and Quasi-Phase Matching Techniques." Prof. H.E. Ruda.

WEDNESDAY, JUNE 20

Jacques Robert Maria Pauwels, Department of Political Science, "Vote-Maximization and Foreign Direct Investment Policy in the FIRA Era, 1970-1985: A Public Choice Perspective." Prof. C. Tuohy.

WEDNESDAY, JUNE 21

Mark Joseph Filiaggi, Department of Metallurgy & Materials Science, "Evaluating Sol-Gel Ceramic Thin Films for Metal Implant Applications: A Study on the Processing and Mechanical Properties of Zirconia Films on Ti614V." Prof. R. Pilliar.

THURSDAY, JUNE 22

Chi Hang Paul Li, Department of Chemistry, "New Acoustic Wave Devices and the Development of a Carbon Dioxide Sensor." Prof. M. Thompson.

FRIDAY, JUNE 23

Ralph Anthony Irwin Duncan, Department of Electrical & Computer Engineering, "Active-RLC Filters in Silicon." Prof. A. Sedra and K. Martin.

Kamal Adham Khodaparas, Department of Chemical Engineering & Applied Chemistry, "Theoretical Modelling and Experimental Investigation of Film Boiling and Rewetting at Different Gravity and Flow Conditions." Prof. M. Kawaji.

Taufik Ali Valante, Department of Physiology, "Modulation of a Calcium Activated Potassium Current in Dentate Granule Neurons of the Rat Hippocampus." Prof. P. Cadzen.

Margaret Mary Wright, Faculty of Social Work, "Trends in Decisions Made by the Court of Appeal of Ontario Regarding Child Sexual

Abuse." Prof. S. Neysmith.

MONDAY, JUNE 26

Jane Corryell, Department of Education, "Integrating Art into Secondary School History, English and Drama: Three Cases of Teacher Development." Prof. B. Kilbourn.

Susan Dicklich, Department of

Political Science & Indigenous Non-Governmental Organizations, Civil Society and Democratic Transition in Uganda, 1986-1994." Prof. R. Sandbrook

Nicolas Sisto, Department of Economics, "The Economics of Mining and Mining Taxation." Prof. L. Waverman.

COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of committees. The deadline for submissions is Monday, two weeks prior to publication.

SEARCH

DIRECTOR, CENTRE FOR STUDIES OF AGING

A search committee has been established to recommend a director of the Centre for Studies of Aging. Members are: Professor Johan Hellebus, associate dean, Division IV, School of Graduate Studies (chair); Professor Dorothy Pringle, dean, Faculty of Nursing; Bonnie Erickson, Department of Sociology and acting director, Centre for Urban & Community Studies; Clifford Shearing, director, Centre of Criminology; John Simpson, chair, Department of Sociology and representing the dean, Faculty of Arts & Science; Irving Rootman, Department of Community Health and director, Centre for Health Promotion; Judith Friedland, chair, Department of Occupational Therapy; Heather Maclean, chair, Department of Nutritional Sciences; Sheila Neysmith, Faculty of Social Work; and Duncan Robertson, Department of Medicine and director, Interdepartmental Division of Geriatrics; and Werner Arntweiler, Jr., graduate student, Department of Economics; and Nancy Gotschall, School of Graduate Studies (secretary).

The committee would be pleased to receive nominations from interested members of the University community until June 19. These should be submitted to Professor Johan Hellebus at the

School of Graduate Studies, 65 St. George St.

REVIEW

TUITION FEE REFUND POLICY

The tuition fee refund schedule was revised in 1993 and provides a period of four weeks during which a student dropping a course would receive a full or partial refund. Prior to 1993 the refund period for a full-year course was four months. At the time of implementation it was agreed that the policy would be reviewed after two years. Provost Adela Sedra has established a committee charged with reviewing the current policy and recommending a policy for the future. Members are: Vice-Provost Derek MacCammond (chair); Professor Lynd Ferguson, principal, University College; Peter Harris, assistant dean and secretary, Faculty of Arts & Science; Daniel Lang, vice-provost and assistant vice-president (planning and budget); Professor Michael Krashinsky, Division of Management & Economics, Scarborough College; Patti Cross, part-time undergraduate student, and Henry Kim, graduate student, members of Governing Council; and Alvan Bregman, assistant vice-provost (arts and science).

The committee will report by September and provide an interim report by mid-June recommending, if necessary, action for September 1995. Interested members of the University

community are encouraged to provide input on this issue to any member of the committee.

ADVISORY

PROVOST'S ADVISER ON UNDERGRADUATE EDUCATION

Provost Adela Sedra has established a committee to provide advice on a replacement for Professor John Kirkness whose term of office ends June 30. Members are: Provost Adela Sedra (chair); Professors Andrew Baines, vice-dean, education, Faculty of Medicine; Roger Beck, acting principal, Erindale College; John Browne, principal, Innis College; Michael Charles, dean, Faculty of Applied Science & Engineering; Ian Orchard, associate dean, science, Faculty of Arts & Science; Donald Perrier, dean, Faculty of Pharmacy; Dennis Thiesen, associate dean, Faculty of Education; Paul Thompson, principal, Scarborough College; and Carolyn Tuohy, deputy provost; and Jane Lawless, representative, Association of Part-time Undergraduate Students; Carole Moore, chief librarian, U of T Library; Aisling Burke, representative, Students' Administrative Council; and Beata FitzPatrick, assistant provost (secretary).

The committee would be pleased to receive comments and nominations from interested members of the University community. Submissions should be sent to Beata FitzPatrick, room 225, Simcoe Hall, as soon as possible.

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Sunday, 1 to 6 p.m.

PLAYING WITH THE PIECES

Read and learn of the University of Toronto as a postmodern site

By ALLAN IRVING

"Postmodernity is the attempt — perhaps it's desperate — to reach a point where one can live with what is left. It is more a survival among the remnants than anything else."
— Jean Baudrillard

POSTMODERNISM! THE WORD BRIMS WITH MEANING but what does it mean? One way of making it more concrete is to examine the University of Toronto itself as a site (not an architectural site) of postmodernity through two examples: the proliferation of texts (information) that the University now produces and generates about itself and the accompanying explosion/implosion of information technology, and the way research is coming to be understood and organized as a commodity. First, a brief discussion of the term postmodernity.

Most of us have a sense, however vaguely felt, that our society, and for that matter the world, is undergoing intense, irreversible transformations as we increasingly live in a world of disorienting flux and a supersaturated and surprisingly chaotic electronic environment of information technology. Douglas Coupland's postmodern novel *Generation X* (1991) has as its subtitle, *Tales for an Accelerated Culture*, capturing precisely our everyday experience where we are all immersed more and more in an information-drenched culture of internets and the looming information highway.

Neville Wakefield's *Postmodernism: The Twilight of the Rail* (1990) calls our attention to "the splintered, fractured world of postmodernism" that we inhabit. Our cultural, social, political and economic context of the late 20th century is not a homogeneous entity or some sort of consciously directed movement; rather we are simply in it. It is elusive, nebulous, decentered and decentering; for cyberpunks, those counterculture rebels of the 1990s — the latter-day Beats — postmodernism, as Lawrence Bruner wrote a couple of years ago in *The Toronto Star*, is a dark brilliance, a bleak silent world "except for the glow of monitors and the crackle of telecommunications."

Jean-François Lyotard, one of the most astute decipherers of our postmodern condition, describes postmodernity as simply an "incredulity towards metanarratives," those grand governing ideas (reason, Freud, Marx, liberalism, socialism, humanism, male-centered, Eurocentric, religion, positivism, science, industrial production, political economy) that have structured and ordered the modern world since the Enlightenment.

Based on metanarratives, modernity relied on "depth models" (which have been repudiated in contemporary postmodern theory) to explain and give meaning to the world by unearthing a vaster reality behind appearances. At least five depth models have been identified that governed intellectual inquiry in the modern era: the notion of the subject being constituted by an inside and outside so that emotion, for example, would be seen as the outward expression of inward feeling (within postmodern discourse the very word feeling often now is replaced by the more electronic word, intensity); a philosophical model of essence and appearance; Freud's model of latent and manifest, with the key idea being repression; the existential model of authentic and inauthentic, the key idea being alienation; and in literature a depth model of recognizable signs, words and phrases that would escort the reader from an exterior world to an interior one of meaning. With the discrediting of these depth models what emerges triumphantly from the modernist ruins is a postmodern celebration of flatness, superficiality and depthlessness.

Postmodernity destroys meaning itself according to the French high priest of postmodernism, Jean Baudrillard, because explanation by depth model is no longer possible; instead we occupy spaces where there are no secure moorings. Meaning requires depth, bedrock, hidden dimensions, foundations. The old metaphors of excavation and penetration are no longer sure methods of intellectual inquiry. We are in a radically new era characterized by new technologies — media, cybernetic models, computers, information processing, the Internet, info-highway, entertainment and knowledge industries. Without depth we are left with multiple slippery surfaces, a "contrived depthlessness," everything visible, transparent and wildly unstable. What remains are simply texts that merely refer to and flow into other texts (intertextuality) and constantly implore into one another.

The electronically pulsing postmodern world does not recognize a reality beyond appearances, has forgotten hermeneutic depths and sees no need for an anchoring in something deeper; postmodernism acknowledges only the endless play of appearances, or as Baudrillard puts it: "All that remains to be done is to play with the pieces. Playing with the pieces — that is postmodernism."



As a site for the study of our current condition the University of Toronto participates fully in one of the most pervasive of postmodern features — the generation of texts and self-documentation about itself, a kind of self-inscription. It becomes increasingly obvious that there is less and less that is outside the texts which endlessly proliferate and never seem to actually have points of closure. In September 1993 four major reports were distributed through *The Bulletin* for our consumption: Finding the Right Enrolment Balance; Report of the Committee on Planning Across Three Campuses; Report of the Committee to Review the Administration of PTR; and Report on the Future Directions of the Health Sciences at the University of Toronto. As well there was The Provost's Memorandum for Developing Plans for the Academic Divisions for the Period 1994-2000, followed in February 1994 by the lengthy Planning for 2000: A Provostial White Paper on University Objectives. This document generated many other texts. In my faculty, for example, we spent a great deal of time writing our own response which turned out to be as long as the original document. The texts were the only reality and the whole exercise took on an aura of interrogation-response. What did the provostial text want from us? became the only real question; all discourse revolved around this intertextual process as the texts became instruments and consequences of power. The information returned in our response document was as the original text imagined and solicited to be. It was and is a closed loop, a situation in which it is impossible to fashion a critique, since in the closed circle of information flow there seems to be nowhere, no outside, no depth model to help us position

a critique. Implosion! Suffocation!

These and other numerous University texts generated in any given month comprise a code. This code condemns the reader/consumer to wander aimlessly and endlessly among texts no longer equipped with the tools of modernity (for example, the depth models described earlier) to try and figure it all out. We are in the universe of pure communication saturated by information where the individual becomes in Baudrillard's words "a pure screen, a switching centre for all the networks of influence."

When I was my faculty's representative on Academic Board I was amazed by the sheer number of texts produced for each meeting; it was simply impossible to absorb it all. Then I realized it was what Baudrillard had observed: that it was all about "playing with the pieces." In the late 20th-century university we are bombarded with information through the new information technologies. My computer constantly displays considerable quantities of e-junk, information downloaded (no one ever asked if I wanted to receive this material), often from colleagues a few doors away. It is an environment of supersaturated information technology — cyberbizz, Baudrillard calls it — which tends to neutralize all meaning. Again Baudrillard nimbly describes the scene: "we...are in the ecstasy of communication. And this ecstasy is obscene. Obscenity is not confined to sexuality, because today there is a pornography of information and communication, a pornography of circuits and networks...."

The other example of the University as a postmodern site is the transformation in the conceptual understanding of knowledge. There is an increasing tendency for knowledge to be considered as information prized for its exchange value. Lyotard points out that when the grand governing metanarratives are delegitimized, topics traditionally associated with the humanities are less and less viable in the university and "are no longer the principal driving force behind interest in acquiring knowledge." The crucial question, as Lyotard makes shockingly clear, asked by the state or universities is no longer, Is it true? but, What use is it? Within the postmodern context of the marketing of knowledge the question really is: Is it saleable? or, in the context of power-growth, Is it efficient? It is evident that universities are now in the business of producing skills rather than ideas.

In *The Postmodern Condition: A Report on Knowledge* (1979), a study originally undertaken for the government of Quebec, Lyotard tells us that the nature of knowledge in a postmodern context cannot survive as we have known it. Knowledge, he informs us, "can fit into the new channels and become operational, only if learning is translated into quantities of information." All research eventually will be shaped by whether the results can be translated into computer language. Knowledge, he argues, is an information commodity and increasingly indispensable to productive power and hence crucial in the global, market-driven competition for power.

Lyotard contends that, in view of postmodern developments in computer and information science, "the old principle that the acquisition of knowledge is inseparable from the training of minds, or even of individuals, is becoming obsolete and will become even more so.... Knowledge is and will be produced in order to be sold, it is and will be consumed in order to be valorized in a new production; in both cases the goal is exchange. Knowledge ceases to be an end in itself, it loses its use-value."

Think about it and observe it as you teach and learn — and as you read the official documents emanating from the University of Toronto.



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